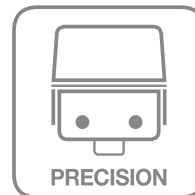
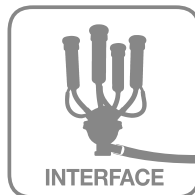


InterPuls®

Advanced Product Guide



Company Profile




Designed &
Manufactured
in Italy

Profile
Established in: 1974
Presence: 70 countries
across the 5 continents
30 patents in the last 5 years
10% of the annual turnover
invested in R&D
Employees: 85
Average age: 37
University graduates: 20%

InterPuls S.p.A.
sales@interpuls.com
www.interpuls.com





Milkrite Goals

Our customers benefit from enhanced value through improved milking efficiency, better teat health and superior on farm performance.

Our goal is to permanently improve on farm milking conditions, through our products, support and advice



Focus

We believe in thinking differently and challenging the status quo. We focus on the milk extraction process and overall animal health, with the aim of more efficient milking for both the animal and the milker.



Milkrite Europe

Hampton Park West
Semington Road / Melksham
Wiltshire / SN12 6NB / UK

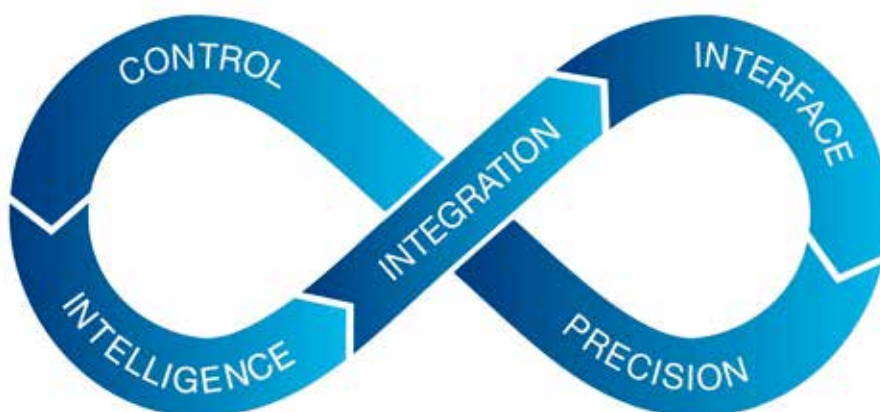
Tel: +44 (0) 1225 89 64 26
Fax: +44 (0) 1225 89 63 07

sales@milkrrite.com
www.milkrrite.com



InterPuls member of Avon Dairy Solutions since August 2015.

Milkrite | InterPuls is the leading producer of milking point technology, providing complete teat to pipeline solutions for the Dairy sector. Milkrite | InterPuls has a long history in the heart of milking, manufacturing liners and tubing with the latest technology as well as high tech pulsation, measurement and milking control equipment, distributing in 80 countries worldwide.



InterPuls

First in Pulsation!

Erano gli anni 70 quando venne lanciato sul mercato il Pulsatore Universal. Oggi InterPuls vanta una gamma di Pulsazione che la rende Leader mondiale del settore.

La tecnologia all'avanguardia, unita ad immutata Passione, ci permettono di fornire a O.E.M., distributori e impiantisti una Pulsazione con la "P" maiuscola!

InterPuls Passion pulses here!

1 D. Che cos'è la Pulsazione?

R. La Pulsazione è l'apertura e la chiusura ciclica di una guaina, generata dal Pulsatore, ed è composta da due parametri: Frequenza e Rapporto di mungitura.

It was the 70's when the Pulsator "Universal" had been launched on the market. Today the InterPuls Pulsation range makes us a world leader in this sector.

The advanced technology together with the same Passion, allow us to supply O.E.M., distributors and technical dealers with Pulsation with the capital "P"!

InterPuls Passion pulses here!

1 Q. What's Pulsation?

A. Pulsation is the alternating opening and closing of a liner, generated by a Pulsator, and it is composed by two parameters: Milking rate and ratio.



> Universal
1970



> L3
1974



> L80
1978



> LL90
1994



> LE20
1998

Interpuls®



INTERPULS



INTERPULS®



2 D. Cos'è la Frequenza di Mungitura?

R. La Frequenza di Mungitura è il numero di volte in cui la guaina si apre e si chiude nell'intervallo di tempo, governando la velocità del ciclo di Pulsazione che è composto da 4 fasi, chiamate A,B,C e D. In caso di un aumento della frequenza di Pulsazione muteranno solamente la fase B (Mungitura) e la fase D (Massaggio). Le fasi A e C, dette transitorie, dipendono dalla lunghezza e dalla sezione dei tubi di Pulsazione.

2 Q. What is the Milking rate?

A. The Milking rate is the number of times a liner opens and closes in the time interval, thus regulating the rate of the Pulsation cycle which is composed by 4 phases, called A, B, C and D. If ever the Pulsation Frequency increases, only the phase B (Milking) and D (massage) will change. Phases A and C, so called transitory, depend on the length and section of the Pulsation tubes.

3 D. Cos'è il Rapporto di Mungitura?

R. Il Rapporto di Mungitura è la % di tempo necessario per aprire e mantenere aperta la guaina (fase A+B), permettendo così l'estrazione del latte attraverso il capezzolo, grazie all'azione del vuoto, rispetto al tempo necessario per chiudere e mantenere chiusa la guaina (fase C+D) per effettuare la fase di massaggio.

3 Q. What is Milking ratio?

A. The Milking ratio is the percentage of time necessary to open (and keep open) the liner (phase A+B), thus allowing the milk to be drawn through the teat, thanks to the vacuum action and compared to the time required to close (and keep closed) the liner (phases C+D) in order to massage.

4 D. Quindi anche il vuoto è importante?

R. Il livello di vuoto è basilare, perché è ciò che permette il deflusso del latte, vincendo l'effetto del muscolo dello sfintere del capezzolo. E' però molto importante che il livello non superi certi limiti; la ricerca indica che a dai 40-42kPa il capezzolo delle bovine è già completamente aperto. Un livello di vuoto elevato provoca stress all'animale e congestione dell'estremità del capezzolo. Un livello di vuoto basso allunga il tempo di mungitura, fa scivolare le guaine con conseguente rischio di caduta del gruppo; rendendo inefficace anche la fase di massaggio.

4 Q. So, is the vacuum important as well?

A. The vacuum level is fundamental, because it allows the milk outflow, overcoming the effect of orifice's muscle of the teat. It's is really important yet that the vacuum level doesn't exceed certain limits; researches show that at 40-42kPa the cows' teat is completely open. A high vacuum level causes stress for the animal and congestion at the teat's ends. A low vacuum level extends the milking time, it squeezes the liners with a consequent risk for cluster falling and it makes the massage not effective.

Pulsation Timeline



Animal breed	Vacuum level [kPa]		Rate [ppm]	Ratio [%]
	High line & bucket	Low line		
Cow	48 - 50	42 - 44	60	60:40
Goat	42 - 44	38 - 40	90	60:40
Sheep	40 - 42	36 - 38	120	50:50
Buffalo	50 - 52	44 - 46	60	60:40
Horse & Donkey	40 - 42	36 - 38	90	60:40
Camel	40 - 42	36 - 38	80	60:40

Norme di riferimento ISO (ED. 2007)

ISO 3918 Impianti di mungitura - Terminologia

ISO 5707 Impianti di mungitura - Costruzione e prestazioni

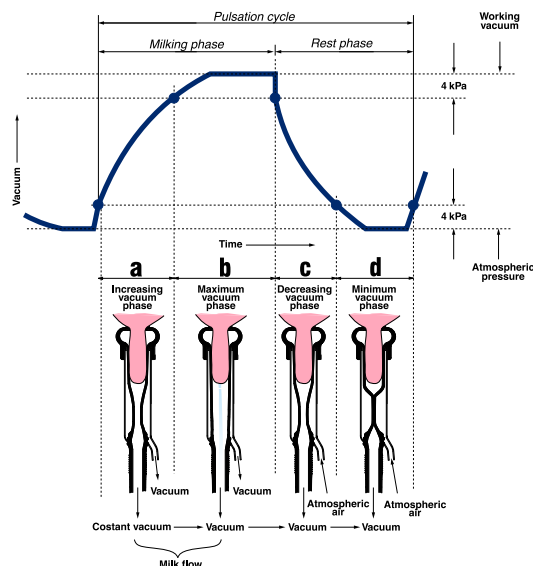
ISO 6690 Impianti di mungitura - Prove meccaniche

ISO International Standards (ED. 2007)

ISO 3918 Milking machine installations - Vocabulary

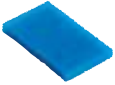
ISO 5707 Milking machine installations - Construction and Performance

ISO 6690 Milking machine installations - Mechanical tests



Top 30

Operazione convenienza - Saving Opportunity

Q.ty		TOP 30 Set Ref.	Note
25 x		1000221	- Vite fissaggio parete laterale - Lateral cover screw
50 x		1000225	- Or di tenuta - O-ring
25 x		1000286	- Kit manutenzione 60/40 Alt. - Maintenance kit Alt. 60/40
3 x		1010156	- Filtro LL90
25 x		1010191	- LL90 Filter
50 x		1010192	- Membrana principale - Main diaphragm
25 x		1010246	- Kit manutenzione 60/40 Alt. - Maintenance kit Alt. 60/40
10 x		1060235	- Guarnizione Superiore LE/LP/CV30 - Upper Gasket LE/LP/CV30
10 x		1060236	- Guarnizione Inferiore LE/LP/CV30 - Lower Gasket LE/LP/CV30
5 x		1030318	- Bobina 3,2W 24V/DC - 24V/DC solenoid
5 x		1030319	- Bobina 3,2W 12V/DC - 12V/DC solenoid
25 x		1030298	- Setto filtrante - Retrofit filter
25 x		1030299	- Nucleo mobile - Piston
10 x		1030499	- Kit di revisione LE/LP20 - LE/LP20 Service kit
50 x		1050115	- Membrana inversione - Small diaphragm
20 x		1900063	- Nipplo allungamento gemellare - Pulsation tubes extension nipple
25 x		1050124	- Kit manutenzione 60/40 Alt. - Maintenance kit Alt. 60/40
25 x		1050125	- Kit manutenzione 70/30 Alt. - Maintenance kit. Alt. 70/30

Q.ty		TOP 30 Set Ref.	Note
25 x		1530291	- Tappo bloccaggio valvola - Locking valve plug
25 x		1580141	- Tappo bloccaggio valvola - Locking valve plug
50 x		1530292	- Guarnizione piccola - Small gasket
25 x		1530428	- Valvola chiusura - Shut-off valve
25 x		1570047	- Valvola chiusura Lunik - Lunik Shut-off valve
100 x		1570024	- Chiodo per tappo protezione Lunik200 - Lunik200 bowl protection plug pin
25 x		1530315	- Guarnizione - Gasket
25 x		1580140	- Guarnizione - Gasket
25 x		1900036	- Tappo chiusura guaina 22-24 mm - Inflation plug 22-24 mm
50 x		1900061	- Anello fermatubi D.35 - Retaining ring D. 35
50 x		1900062	- Anello fermatubi D.32 - Retaining ring D. 32
50 x		1900052	- Nuovi anelli fermatubo piatti D.32 - Retaining Flat Band D.32
50 x		1900051	- Nuovi anelli fermatubo piatti D.35 - Retaining Flat Band D.35
20 x		1900039	- Jetter D. 22
20 x		1900040	- Jetter D. 24
10 x		2079016	- Sistema automatico ITP 207 - ITP 207 automatic system
10 x		2059016	- Sistema automatico ITP 205 - ITP 205 automatic system
10 x		2050018	- Deflettore ITP 205 - ITP 205 deflector
30 x		2060078	- Curva plastica con foro - Plastic bend vented
30 x		2060079	- Curva plastica senza foro - Plastic bend not vented
25 x		2809114	- Adattatore - Adapter
10 x		3100054	- Guarnizione per coperchio - Gasket for lid
25 x		3420015	- Valvola drenaggio 1/2" - Drain Valve 1/2"
25 x		5200122	- Moschettone DVC 1000 - DVC Snap hook



LE30/LP30

Servo-Direct Pulsators



✓ Patented



I Pulsatori Servo-Direct LE30-LP30 rappresentano quanto di meglio esiste attualmente in fatto di precisione, robustezza ed affidabilità nel tempo.

Servo-Direct LE30-LP30 Pulsators represent today's benchmark for precision, robustness and reliability.

Les Pulsateurs Servo-Direct LE30-LP30 sont les meilleurs outils actuellement disponibles sur le marché, au niveau de la précision, de la solidité et de la fiabilité à long terme.

Пульсаторы LE30-LP-30 Сервоуправление представляют собой наилучшую разработку на данный момент в плане точности, прочности, надежности.

Vantaggi

- ✓ Il principio di Pulsazione brevettato "Servo-Direct" permette un controllo preciso del segnale
- ✓ Progettato per minimizzare i consumi di vuoto in modo da assicurare un'eccellente stabilità del vuoto stesso
- ✓ Basso consumo elettrico così da evitare problemi di ossidazione dei contatti e risparmiare energia
- ✓ Nel caso in cui il latte venga aspirato nel Pulsatore, per esempio attraverso la rottura di una guaina, è possibile aspirare acqua pulita dai tubi di pulsazione, senza doverlo smontare
- ✓ Facile e rapido da revisionare: la manutenzione completa può essere portata a termine in meno di 1 minuto

Benefits

- ✓ The patented "Servo-Direct" Pulsation system enables precise signal control
- ✓ Designed to minimise vacuum consumption and ensure excellent vacuum stability
- ✓ Low electrical consumption to reduce the risk of oxidation of electrical contacts and save energy
- ✓ If milk escapes into the Pulsator, as a result of a split liner for example, clean water may simply be flushed through via the pulsation tubes, without having to dismantle the unit
- ✓ Quick and easy to service: complete maintenance takes less than 1 minute

Avantages

- ✓ Le principe de Pulsation breveté « Servo-Direct » permet de contrôler le signal avec précision
- ✓ Conçu pour réduire les consommations de vide afin de garantir une excellente stabilité du vide
- ✓ Faible consommation électrique pour éviter l'oxydation des contacts et faire des économies d'énergie
- ✓ Si le lait est aspiré dans le Pulsateur en raison, par exemple, d'une fissure dans le manchon, il est possible d'aspirer de l'eau claire par les tuyaux d'aspiration, sans devoir tout démonter
- ✓ Facile et rapide à réviser : la maintenance complète peut être faite en moins de 1 minute

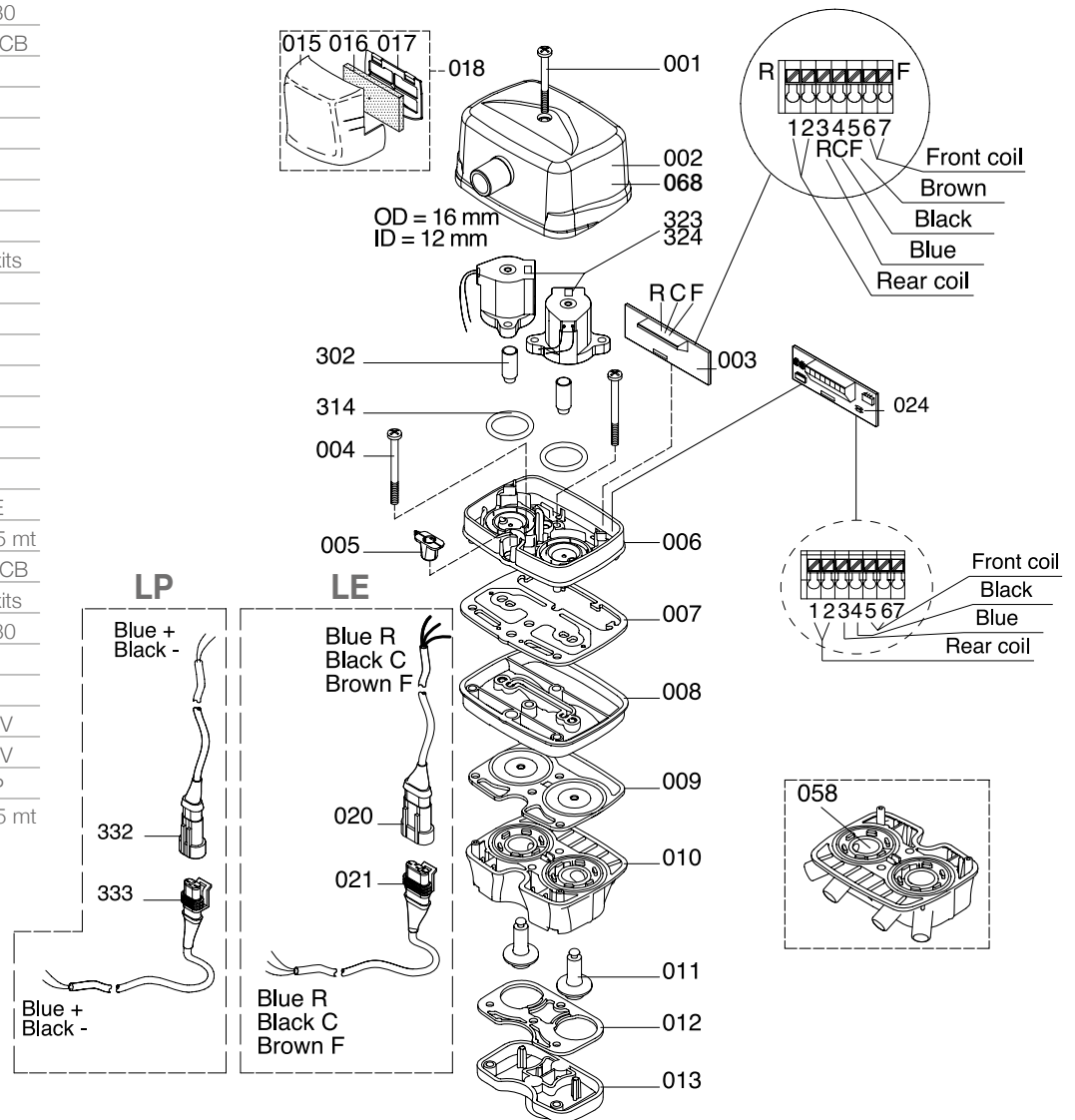
Преимущества

- ✓ Принцип запатентованной пульсации "Сервоуправление" позволяет с точностью контролировать сигналы
- ✓ Спроектирован специально с целью уменьшить потребление вакуума, гарантируя стабильность вакуума
- ✓ Низкое потребление электроэнергии, что позволяет защитить контакты от окисления и сократить расходы на потребление энергии
- ✓ В случае попадания молока внутрь пульсатора в следствии изнашивания резины, можно очистить при помощи чистой воды, подаваемой из шлангов пульсатора, не разбирая пульсатор
- ✓ Простой и быстрый в обслуживании: полный текущий ремонт можно провести в течение нескольких минут

LE30 & LP30

Pos.	Ref.	Note
001	1060023	
002	1060024	LE30
003	1030046	LE PCB
004	1030151	
005	1060011	
006	1060005	
Top 30	007	1060235
008	1060102	
009	1060034	
010	1060109	2 Exits
011	1060090	
Top 30	012	1060236
013	1060133	
015	1030108	
Top 30	016	1030298
017	1030109	
018	1030111	
020	1030274	LE
021	1030272	LE 1,5 mt
024	1030476	LP PCB
058	1060110	4 Exits
068	1060031	LP30
Top 30	302	1030299
314	2800122	
Top 30	323	1030318
Top 30	324	1030319
332	1030275	LP
333	1030273	LP 1,5 mt

Top 30 pag. 6-7



LE/LP/CV30 service kit

Ref.



1060115

A frequenza-rate

B rapporto-ratio

Rate	1	2	3	Front	Rear	4	5	6
55	OFF	OFF	OFF	50/50	60/40	OFF	OFF	OFF
60	ON	OFF	OFF	55/45	60/40	ON	OFF	OFF
90	OFF	ON	OFF	50/50	50/50	OFF	ON	OFF
120	ON	ON	OFF	60/40	60/40	ON	ON	OFF
150	OFF	ON	ON	65/35	65/35	OFF	OFF	ON
180	OFF	OFF	ON	70/30	70/30	ON	OFF	ON

Dati Tecnici

Tipo: Alternato o Simultaneo
 Tensione di alimentazione: 12*/24VDC
 Assorbimento: 260 mA (130 mA per bobina 24V);
 540 mA (270 mA per bobina 12V)
 Collegamento al vuoto: 1/2" Gas femmina
 Sistema di azionamento: Servo-Diretto
 Materiale del corpo: Resina termoplastica
 Dimensioni: 85x90x105 mm
 Peso: 0,40 Kg
 *12V Articolo speciale disponibile su richiesta

Technical Data

Type: Alternate or Simultaneous
 Operating Voltage: 12*/24VDC
 Power Consumption: 260 mA (130 mA per bobina 24V);
 540 mA (270 mA per bobina 12V)
 Vacuum Connection: 1/2" Bsp female
 Operating System: Servo-Direct
 Body Material: Thermoplastic resin
 Dimensions: 85x90x105 mm
 Weight: 0,40 Kg
 *12V Special item available on demand



- ✓ Protezione totale contro l'umidità e i getti d'acqua.
- ✓ Totally sealed to provide total protection against moisture and humidity.
- ✓ Protection totale contre l'humidité et les projections d'eau.
- ✓ Полная защита от попадания воды и влаги.

LE30 Electronic Pulsators

	24 VDC	12 VDC
	1069001 1069159 iMilk 400 vers.	1069005
	1069002	1069006
	1069003	1069007
	1069004	1069008

IUC - Control Boxes

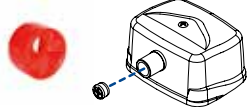
	Model	24 VDC output	12 VDC output
	IUC24	-	1049130 100 - 260 VAC @ 50/60 Hz 200 VA
	IUC32	1049133 100 - 260 VAC @ 50/60 Hz 200 VA	-

LP30 Individual Electronic Pulsators

	24 VDC	12 VDC
	1069009 1069162 CombiFast vers.	1069013
	1069010	1069014
	1069011	1069015
	1069012	1069016

IUP - Universal Power Supply

		24 VDC output
	IUP	1049131 100 - 260 VAC @ 50/60 Hz 320 W - 13 A up to 50 LP - Pulsators

Accessories	Ref.	Description
	1060016	Restrictor for C phase adjusting
	1060095	Restrictor D.4 for A & C phase

CV30 / CV20

Control Valves



CV30 Vac/Atm	24 VDC	12 VDC	⚡ Energized Coils ⚡
	1069020 1 x 3 cable	1069021 1 x 3 cable	 VAC Detacher Cylinder ATM Shut off normally open (NO HFS/HFSO)
CV30 Atm/Atm	24 VDC	12 VDC	⚡ Energized Coils ⚡
	1069235 2 x 2 cables	1069236 2 x 2 cables	 ATM Shut off normally open (NO HFS/HFSO) ATM Shut off normally open (NO HFS/HFSO)
LE/LP/CV30 service kit	Ref.		
	1060115		

Dati Tecnici

Tensione di alimentazione: 12/24VDC
 Assorbimento: 540mA (270mA per bobina 12V);
 260mA (130mA per bobina 24V)
 Collegamento al vuoto: 1/2" Gas femmina
 Sistema di azionamento: Servo-diretto
 Materiale del corpo: Resina termoplastica
 Dimensioni: 85x90x105 mm
 Peso: 0,40 Kg

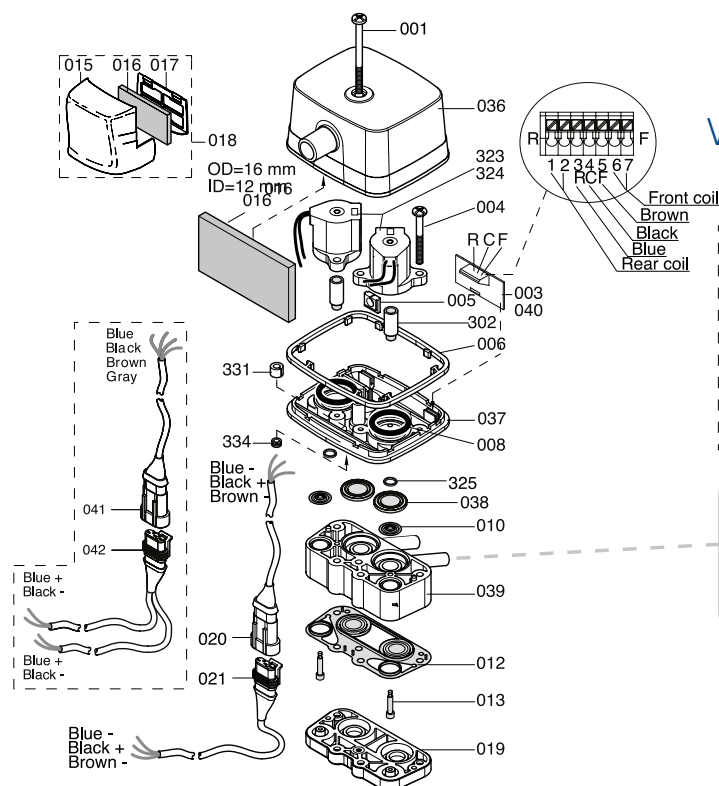
Technical Data

Operating Voltage: 12/24VDC
 Power Consumption: 540mA (270mA for solenoid 12V);
 260mA (130mA for solenoid 24V)
 Vacuum Connection: 1/2" Bsp female
 Operating System: Servo-direct
 Body Material: Thermoplastic resin
 Dimensions: 85x90x105 mm
 Weight: 0,40 Kg

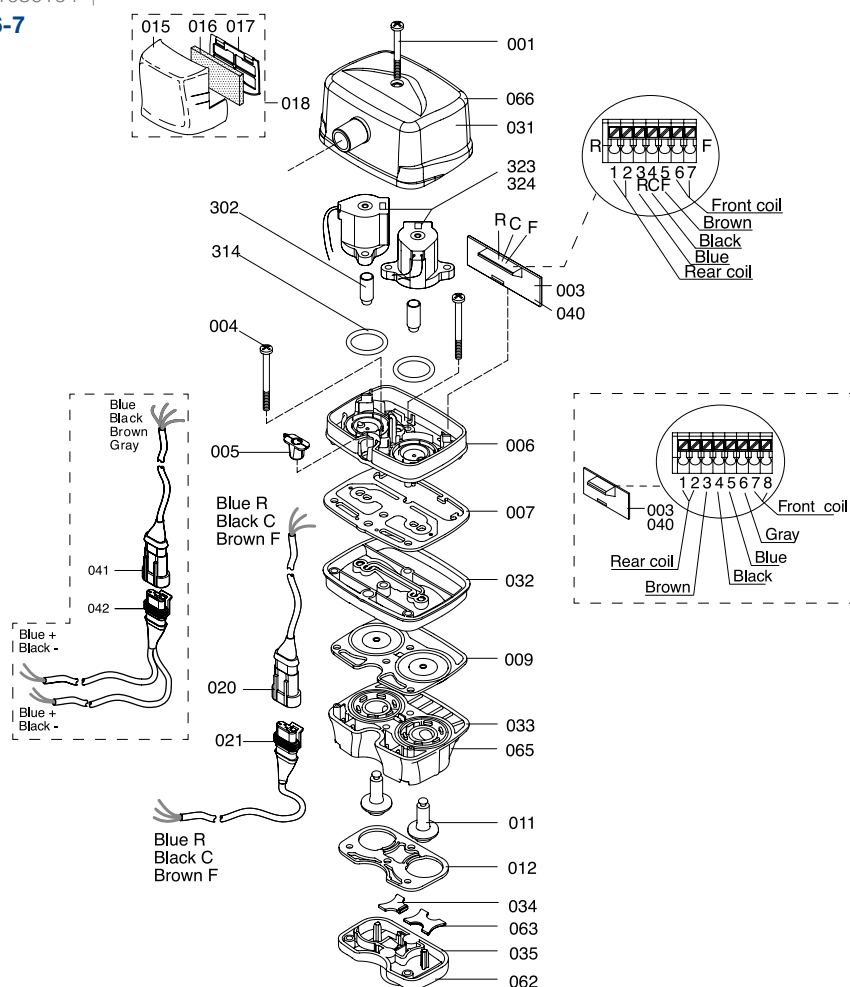
CV20

Vac/Vac control valve

Pos.	Ref.	Note
001	1030152	
003	1030046	12/24 V
004	1030151	
005	1030016	
006	1030103	
008	2800067	
010	1030405	
012	1030134	
013	1030334	
015	1030108	
Top 30 016	1030298	
017	1030109	
018	1030111	
019	1030322	
020	1030274	
021	1030272	1,5 mt
036	1030130	
037	1030416	
038	1030004	
039	1030452	2 Exits
040	1030267	4x1 cable
041	1030265	4x1 cable
042	1030509	2x2 cable
Top 30 302	1030299	
Top 30 323	1030318	24 V
Top 30 324	1030319	12 V
325	1000159	
331	1030052	
334	1030104	



Top 30 pag. 6-7



CV30

Vac/Atm & Atm/Atm control valves

Pos.	Ref.	Note
001	1060023	
003	1030046	12/24 V
004	1030151	
005	1060011	
006	1060005	
007	1060120	
009	1060034	
011	1060090	
012	1060104	
015	1030108	
Top 30 016	1030298	
017	1030109	
018	1030111	
020	1030274	
021	1030272	1,5 mt
031	1060033	
032	1060103	
033	1060014	
033	1060111	2 Exits
034	1060015	
035	1060013	
040	1030267	4x1 cable
041	1030265	4x1 cable
042	1030509	2x2 cable
062	1060168	Atm/Atm
063	1060169	Atm/Atm
065	1060170	Atm/Atm
066	1060180	Atm/Atm
Top 30 302	1030299	
314	2800122	
Top 30 323	1030318	24 V
Top 30 324	1030319	12 V
Top 30	pag. 6-7	

IUC24 - IUC32

Control Box



Easy to program



Protection class **IP54**

Ad ampliamento della gamma Control Box, InterPuls ha sviluppato l'innovativa IUC.

To extend the IC - Control Box range, InterPuls has developed the innovative IUC.

InterPuls a mis au point et réalisé l'extraordinaire IUC pour compléter la gamme Control Box.

С целью расширения гаммы IC - Control Box, InterPuls разработал и создал новинку IUC.

Dati Tecnici

Tensione di alimentazione: 100-260 VAC @50/60 Hz
Potenza erogata: 200 VA
Assorbimento: 3,5 A @115 VAC - 1,7 A @230 VAC
Tensione in uscita: 24 VDC / 12 VDC
Dimensioni: 150x270x370 mm
Peso: 2,7 Kg

Technical Data

Input Voltage: 100-260 VAC @50/60 Hz
Power Supplied: 200 VA
Absorption: 3,5 A @115 VAC - 1,7 A @230 VAC
Output Voltage: 24 VDC / 12 VDC
Dimensions: 150x270x370 mm
Weight: 2,7 Kg

IUC - Control Boxes

	Model	24 VDC output	12 VDC output
	IUC24	-	1049130 * 100 - 260 VAC @ 50/60 Hz 200 VA
	IUC32	1049133 100 - 260 VAC @ 50/60 Hz 200 VA	-



* Special item available on demand.



IUP

Universal Power Supply



Protection class **IP54**

Ideale per tutte le utenze che necessitano di un'alimentazione a 24VDC. Alimenta fino a 20 stacchi completi ACR o fino a 50 Pulsatori individuali LP20 o LP30. IUP è protetto contro: corto circuiti, sovraccarichi, sovratensioni, surriscaldamento

Competitive solution for 24VDC input devices. Up to 20 ACR complete milking points or up to 50 LP20/LP30 individual Pulsators. IUP is protected against: short-circuits, over-load, over-voltage, over-heat

Idéal pour tous services qu'ils ont besoin d'alimentation à 24VDC. Jusqu'à 20 systèmes complets Du boîtier de commande ACR où jusqu'à 50 Pulsateurs individuels LP20/LP30. IUP est protégé contre court-circuits, surcharges, surtensions, surchauffe

Идеален для всех устройств, питаемых напряжением 24VDC. Питает до 20 ACR в комплекте с автосъемом. Питает до 50 отдельных пульсаторов LP20 или LP30. IUP защищает от: коротких замыканий, перегрузок, перенапряжения, перегрева

Dati Tecnici

Alimentazione: 100-260VAC @50/60Hz
Potenza Massima: 320W
Corrente Massima: 13A
Output: 24VDC regolati
Dimensioni: 150x270x370mm
Peso: 2,7 Kg

Technical Data

Input Voltage: 100-260VAC @50/60Hz
Max Power: 320W
Max Current: 13Amp
Output Voltage: 24VDC stabilized
Dimensions: 150x270x370mm
Weight: 2,7 Kg

IUP - Universal Power Supply

	Ref.	Note
	1049131	up to 50 LP - Pulsators



REVOLUTIONAir.



✓ Patented

L02 è stato sovralimentato! Le già consolidate performances di mungitura sono state migliorate grazie al 50% in più di AirBoost!

L02 has been super-charged! The well-known milking performances have been improved thanks to the 50% more AirBoost!

L02 a été suralimenté! Les déjà consolidées performances de traite ont été améliorées grâce au 50% en plus d'AirBoost!

L02 достигло наивысшей производительности! Улучшены характеристики пульсации благодаря увеличению напора воздуха на 50%!

Vantaggi

- ✓ Superficie filtrante maggiorata
- ✓ Mungitura delicata e uniforme
- ✓ Ottima fase di massaggio
- ✓ Affidabile sistema di assemblaggio SUREMATCH®
- ✓ Pulizia filtro semplificata
- ✓ Inversione pneumatica performante e a lunga durata

Benefits

- ✓ Oversized filtering surface
- ✓ Gentle and uniform milking
- ✓ Excellent massage phase
- ✓ Reliable SUREMATCH® coupling system
- ✓ Easy-to-clean filter
- ✓ Performant, long-life pneumatic reversal mechanism

Avantages

- ✓ Surface filtrante augmentée
- ✓ Traite délicate et uniforme
- ✓ Phase de massage optimale
- ✓ Système d'accouplement SUREMATCH® fiable
- ✓ Nettoyage du filtre simplifié
- ✓ Inversion pneumatique performante et à long terme

Преимущества

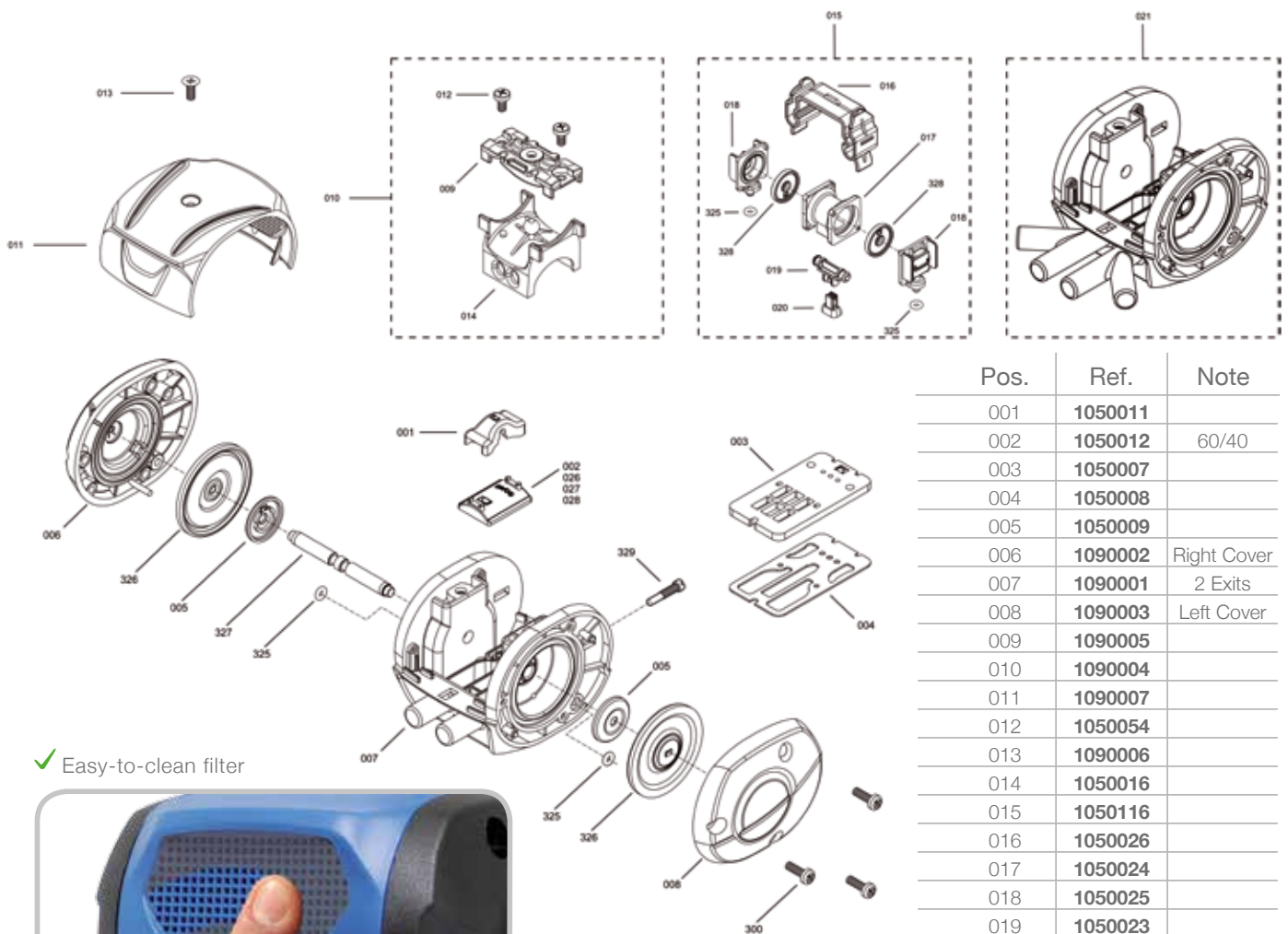
- ✓ Более широкая поверхность фильтрации
- ✓ Стабильный и щадящий процесс доения
- ✓ Оптимальная фаза массажа
- ✓ Надежная система соединения частей SUREMATCH®
- ✓ Упрощенная чистка фильтра
- ✓ Высокопроизводительный и долговечный инверсионный пневматический механизм

Dati Tecnici

Modello: L02Air
 Tipo di Pulsazione: Alternato
 Frequenza: 50 ÷ 180 ppm
 Rapporto: 50/50, 60/40, 65/35, 70/30
 Alimentazione: Vuoto
 Principio di Funzionamento: Membrane
 Dimensioni: 102x87x64 mm
 Peso: 0,30 Kg

Technical Data

Model: L02Air
 Pulsation Type: Alternate
 Rate: 50 ÷ 180 ppm
 Milking Ratio: 50/50, 60/40, 65/35, 70/30
 Operating System: Vacuum
 Working Principle: Diaphragms
 Dimensions: 102x87x64 mm
 Weight: 0,30 Kg



✓ Easy-to-clean filter



Pos.	Ref.	Note
001	1050011	
002	1050012	60/40
003	1050007	
004	1050008	
005	1050009	
006	1090002	Right Cover
007	1090001	2 Exits
008	1090003	Left Cover
009	1090005	
010	1090004	
011	1090007	
012	1050054	
013	1090006	
014	1050016	
015	1050116	
016	1050026	
017	1050024	
018	1050025	
019	1050023	
020	1050022	
021	1090020	4 Exits
026	1050015	50/50
027	1050014	65/35
028	1050013	70/30
Top 30	300	1000221
Top 30	325	1000225
Top 30	326	1010192
	327	1050047
Top 30	328	1050115
	329	1050004

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Accessories	Ref.	Note
	Top 30 1050124 1050118 1050119 Top 30 1050125	Alt. 60/40 Alt. 50/50 Alt. 65/35 Alt. 70/30

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L02 Air	Ratio			
Alt.	60/40	50/50	65/35	70/30
	1099001	1099002	1099003	1099004
	1099013	1099014	1099015	-

L80/LL90

Vacuum Pulsators



I Pulsatori L80 e LL90 InterPuls, facili da installare, precisi, semplici nell'assistenza, instancabili nel lavoro, sono la risposta giusta alle esigenze di oggi.

The InterPuls L80 & LL90 Pulsators, easy to install, accurate, durable, simple to maintain, are the right answer to today's pulsation needs.

Les Pulsateurs InterPuls L80 & LL90, faciles à installer, précis, simple pour le service après-vente, infatigables dans le travail, sont la réponse la plus juste aux exigences d'aujourd'hui.

Пульсаторы L80 и LL90 ИнтерПулс, легко устанавливаются, точные, простые в обслуживании, легко устанавливаются, и полностью отвечают запросам современного рынка.

Vantaggi

- ✓ DUSTOP® Filter (LL90): ampia superficie, elevata capacità filtrante garantiscono funzionamento regolare nel tempo e lunga durata dei componenti
- ✓ SUREMATCH® Slide & Valve: i materiali sono stati studiati per lavorare accoppiati con la massima efficienza
- ✓ Inversione pneumatica performante e a lunga durata

Benefits

- ✓ DUSTOP® Filter (LL90): large surface area, high filtering capacity protects the Pulsator components and ensure consistent running over a long period
- ✓ SUREMATCH® Slide & Valve: the materials have been specially designed to work together for maximum efficiency
- ✓ Performant, long-life pneumatic reversal mechanism

Avantages

- ✓ DUSTOP® Filter (LL90): vaste surface, haute capacité filtrante assure un fonctionnement régulier longtemps et une longue durée des composants
- ✓ SUREMATCH® Slide & Valve: les matériels ont été spécialement projetés à travailler ensemble pour maximum efficacité
- ✓ Inversion pneumatique performante et à long terme

Преимущества

- ✓ DUSTOP® фильтр (LL90): широкая поверхность, высокая фильтрация гарантируют стабильную работу на протяжении долгого периода времени, высокий срок службы компонентов
- ✓ SUREMATCH® Пластина & Клапан: материалы были подобраны таким образом чтобы гарантировать совместную работу с максимальной эффективностью
- ✓ Высокопроизводительный и долговечный инверсионный пневматический механизм

Dati Tecnici

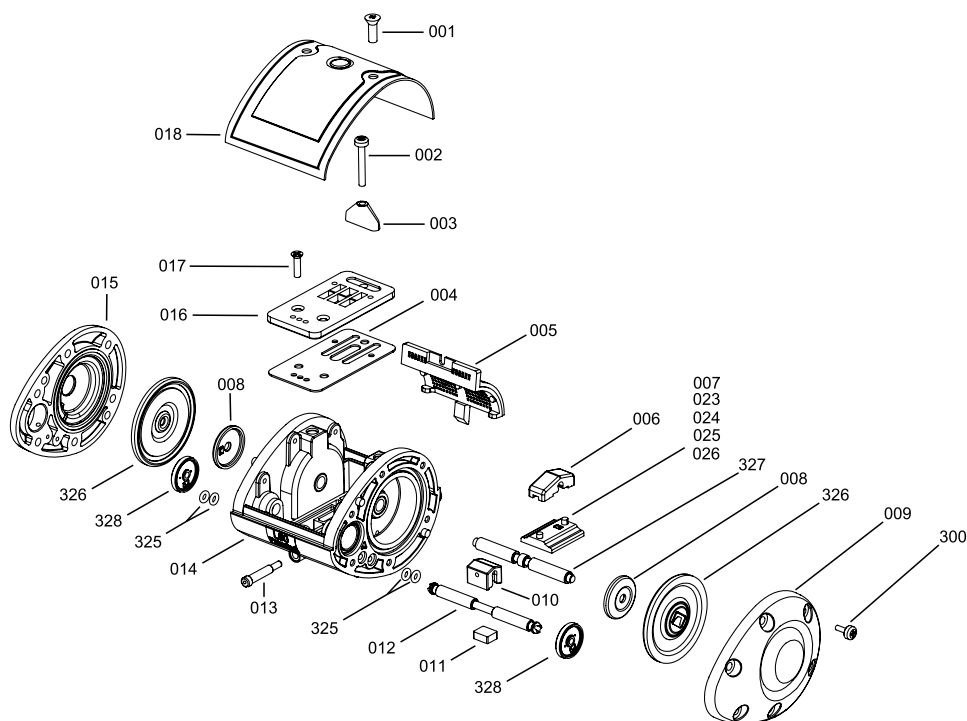
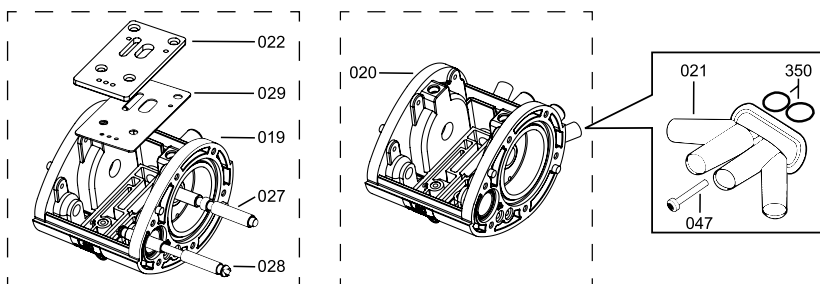
Tipo: Alternato o Simultaneo
 Frequenza: Regolabile
 Rapporto di mungitura (Alternato): 50/50, 60/40, 65/35, 70/30
 Rapporto di mungitura (Simultaneo): 60/40
 Sistema di Azionamento: Pneumatico
 Sistema di Inversione: a membrana
 Materiale del corpo: Resina termoplastica
 Dimensioni: 102x87x64 mm
 Peso: 0,30 Kg

Technical Data

Pulsation Type: Alternate o Simultaneous
 Rate: Adjustable
 Milking Ratio (Alternate): 50/50, 60/40, 65/35, 70/30
 Milking Ratio (Simultaneous): 60/40
 Operating system: Pneumatic
 Working principle: diaphragms
 Body material: Thermoplastic resin
 Dimensions: 102x87x64 mm
 Weight: 0,30 Kg

L80

Vacuum Pulsator



✓ Don't lubricate

Pos.	Ref.	Note
001	1000030	
002	1010093	
003	1010092	
004	1000364	
005	1000322	
006	1010326	
007	1010328	
009	1000006	Right Cover
010	1000309	
011	1000311	
012	1000162	Alt.
013	1000321	
014	1000001	Alt. 2 Exits
015	1000005	Left Cover
016	1010085	Alt.
017	1000037	
018	1000024	
019	1000003	Sim.
020	1000002	Alt. 4 Exits
021	1000083	4 Exits
022	1010099	Sim.
023	1000328	
024	1000330	
025	1000324	
026	1010024	Sim. 60/40
027	1000050	Sim.
028	1000054	Sim.
029	1000036	Sim.
047	1000084	
Top 30 300	1000221	
Top 30 325	1000225	
Top 30 326	1010192	
327	1050047	Alt.
Top 30 328	1050115	
350	1000085	

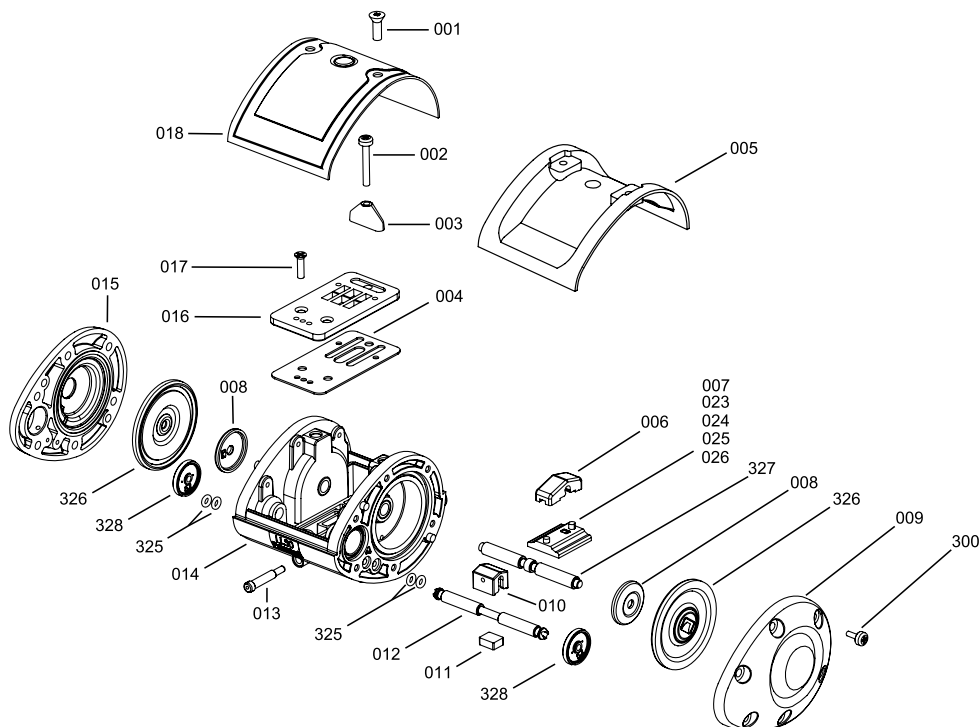
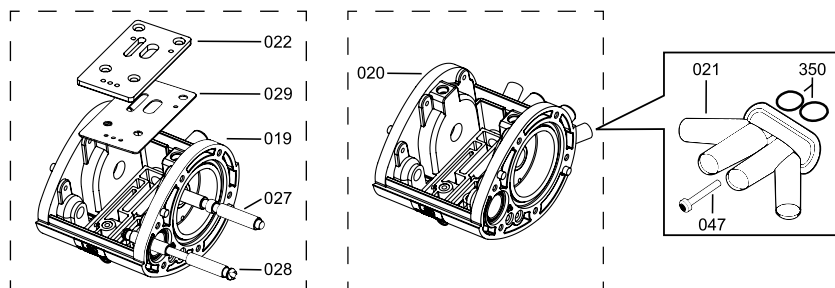
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L80	Ref.			
Alt.	60/40	50/50	65/35	70/30
Alt. 	1009042	1009010	1009002	1009090
Alt. 	1009051	-	1009203	-

Spare Parts	Ref.	Note
	Top 30 1000286	Alt. 60/40
	1000276	Alt. 50/50
	1000277	Alt. 65/35
	1000278	Alt. 70/30

LL90

Vacuum Pulsator



Pos.	Ref.	Note
001	1010010	
002	1010093	
003	1010092	
004	1000364	Alt.
Top 30 005	1010156	3 Filters 1010006
Top 30 005	1010191	25 Filters 1010006
006	1000322	
007	1000326	Alt. 50/50
008	1000312	
009	1000006	Right Cover
010	1000309	
011	1000311	
012	1000162	Alt.
013	1000321	
014	1010005	Alt. 2 Exits
015	1000005	Left Cover
016	1010085	Alt.
017	1000037	
018	1010011	
019	1010022	Sim.
020	1010023	Alt. 4 Exits
021	1000083	4 Exits
022	1010099	Sim.
023	1000328	Alt. 70/30
024	1000330	Alt. 65/35
025	1000324	Alt. 60/40
026	1010024	Sim. 60/40
027	1000050	Sim.
028	1000054	Sim.
029	1000036	Sim.
047	1000084	
Top 30 300	1000221	
Top 30 325	1000225	
Top 30 326	1010192	
327	1050047	Alt.
Top 30 328	1050115	
350	1000085	

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✓ Don't lubricate

LL90	Ref.			
Alt.	60/40	50/50	65/35	70/30
	1019014	1019013	1019015	1019016
Alt.				
	1019018		1019119	
Alt.				

Spare Parts	Ref.	Note	Spare Parts	Ref.	Note
	Top 30 1010246	Alt. 60/40		Top 30 1010156	3 Filters 1010006
	1010237	Alt. 50/50		1010191	25 Filters 1010006
	1010238	Alt. 65/35			
	1010239	Alt. 70/30			
LL90 service kit			LL90 service kit		



CombiFast

Pipeline
Milking
System



Vacuum Pulsator version



Easy to inspect



✓ Patented

CombiFast, progettato da InterPuls è un sistema d'innesto brevettato, ideale per collegare contemporaneamente le linee del latte, vuoto, alimentazione elettrica e trasferimento dati.

CombiFast, is a patented connecting system designed by InterPuls for simultaneously connecting milk, vacuum, electric power and data transfer lines.

CombiFast d'InterPuls est un système de raccordement breveté. Il est idéal pour raccorder à la fois le lactoduc, la canalisation à vide, l'alimentation électrique et transférer les données.

КомбиФаст, спроектированный ИнтерПульс - это запатентованная система сцепления, идеальная для одновременного соединения молочной и вакуумной линий, электрического питания и передачи данных.

Vantaggi

- ✓ Impugnatura ergonomica e pratica anche con Pulsatore incorporato
- ✓ Facile da trasportare
- ✓ Esente da manutenzione
- ✓ Ingresso latte progettato con profilo autopulente
- ✓ Innesto deciso, con un solo movimento e senza ingressi d'aria accidentali
- ✓ Disponibile versione per il trasporto dati

Benefits

- ✓ Ergonomic, practical handle, with built-in Pulsator option
- ✓ Easy to carry
- ✓ Maintenance free
- ✓ Self-cleaning milk inlet
- ✓ Secure, single action, air-tight connection
- ✓ Data transfer version also available

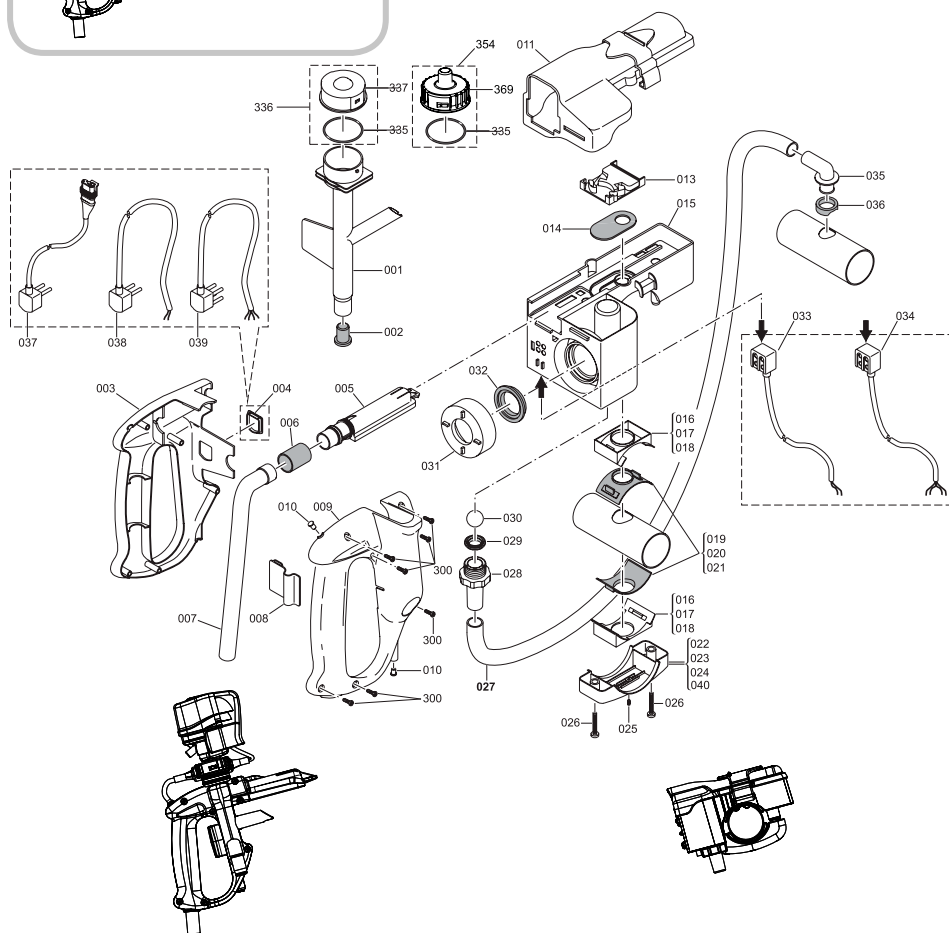
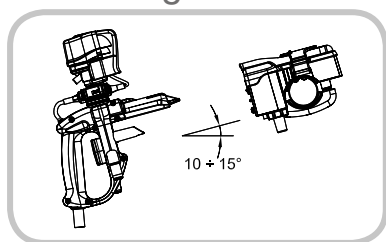
Avantages

- ✓ Poignée ergonomique et pratique, y compris avec Pulsateur intégré
- ✓ Facile à transporter
- ✓ Pas de maintenance nécessaire
- ✓ Entrée du lait avec profil autonettoyant
- ✓ Raccordement précis en un seul geste, sans aucune admission d'air accidentelle
- ✓ Version pour le transfert des données disponible

Преимущества

- ✓ Удобная в использовании ручка даже с установленным пульсатором
- ✓ Легко перемещается
- ✓ Не требует постоянного технического обслуживания
- ✓ Вход молока защищен самоочищающейся пластиной
- ✓ Полное соединение без проникновения воздуха
- ✓ В наличии модель с передачей данных

Lead Angle



Dati Tecnici - Parte Mobile

Linea Latte: ODxID 18x16 mm
Linea Vuoto: ODxID 19x14 mm
Dimensioni: 240x240x89 mm
Peso: 0,416 Kg

Dati Tecnici - Parte Fissa

Linea Latte: OD 40-52-63 mm x ID 50,8 mm
Foro sulla tubazione latte inox: 22 mm
Foro sulla tubazione del vuoto: 22 mm
Collegamento Vuoto: ODxID 19x14 mm
Dimensioni: 173x148x102 mm
Peso: 0,506 Kg

Technical Data - Glide Unit

Milk Line: ODxID 18x16 mm
Vacuum Line: ODxID 19x14 mm
Dimensions: 240x240x89 mm
Weight: 0,416 Kg

Technical Data - Station Unit

Milk Line: OD 40-52-63 mm x ID 50,8 mm
Milk Line inlet hole diameter: 22 mm
Vacuum Line inlet hole diameter: 22 mm
Vacuum connection: ODxID 19x14 mm
Dimensions: 173x148x102 mm
Weight: 0,506 Kg

Pos.	Ref.	Note
001	1420148	
002	1420153	
003	1420126	
004	1420040	
005	1420158	
006	1420155	
007	1420159	
008	1420034	
009	1420127	
010	1420041	
011	1420061	
013	1420099	
014	1420121	
015	1420128	
016	1420019	D. 40
017	1420020	D. 52
018	1420021	D. 63
019	1420134	D. 40
020	1420135	D. 52
021	1420136	D. 63
022	1420016	D. 40
023	1420067	D. 52
024	1420068	D. 63
025	1420017	
026	1420018	
027	1420083	0,5 mt
028	1420149	
029	1420146	
030	1420009	
031	1420006	
032	1420005	
033	1420110	2 pins female
034	1420112	4 pins female
035	1420025	
036	1420137	
037	1420113	2 pins male w/conn
038	1420116	2 pins 2 mt cable
039	1420115	4 pins 2 mt cable
040	1420140	D. 50,8
Top 30	300	1000221
	335	2800123
	336	2800155
	337	2800131
	354	2800234
	369	2800130

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CombiFast Glide Unit

Ref.	Note
1429011	Glide Unit 2 pins with cable for LP electronic Pulsator
1429013	Glide Unit 4 pins data transfer for LP electronic Pulsator
1429026	Glide Unit 2 pins for IMILK400 only - 2 m cable

CombiFast Glide Unit - vacuum Pulsator

Ref.	Note
1429046	Glide Unit with L02Air 60/40 
1429015	Glide Unit with L02 60/40 S/S cover 
1429016	Glide Unit with LL90 60/40 

CombiFast Glide Unit - electronic Pulsator

Ref.	Note
1429017	Glide Unit with LP20 
1429020	Glide Unit with LP20 Stim 
1429019	Glide Unit with LP30 

CombiFast Station - vacuum Pulsator

Ref.	Note
1429001	Standard Station - Milk line D. 40
1429028	Standard Station - Milk line D. 50,8 - 2"
1429004	Standard Station - Milk line D. 52
1429007	Standard Station - Milk line D. 63

CombiFast Station - electronic Pulsator

Ref.	Note
1429002	Electric Station 2 pins - Milk line D. 40
1429029	Electric Station 2 pins - Milk line D. 50,8
1429005	Electric Station 2 pins - Milk line D. 52
1429008	Electric Station 2 pins - Milk line D. 63
1429003	Electric-Data Station 4 pins - Milk line D. 40
1429030	Electric-Data Station 4 pins - Milk line D. 50,8 - 2"
1429006	Electric-Data Station 4 pins - Milk line D. 52
1429009	Electric-Data Station 4 pins - Milk line D. 63

CombiFast Cluster Hook

Ref.	Note
1420100	



Portable ACR

Tie Stall Milking Point



- ✓ Ergonomic.
- ✓ Easy to handle.



Automazione e comfort di mungitura sono esigenze in crescita anche negli allevamenti con vacche legate. Per questo abbiamo ideato e sviluppato Portable ACR, soluzione innovativa che permette di avere un punto di mungitura con stacco automatico per una mungitura rapida e fisiologicamente ottimale delle bovine da latte.

Automation and milking comfort are growing demands in tie stall plants too. That's the reason why we've conceived and developed Portable ACR: an innovative solution that grants a milking point with an automatic detaching system for a quick and physiologically ideal milking.

L'automatization et le confort pendant la traite sont exigences qui vont augmenter dans les salles de traite à stabulation fixe aussi. Pour cette raison on a conçu et développé Portable ACR, une solution innovative qui permet d'avoir un poste de traite avec décrochage automatique pour obtenir une traite rapide et physiologiquement optimale des bovins laitiers.

На сегодняшний день автоматизация и комфорт в процессе доения являются приоритетами, особенно в доильных залах с привязным содержанием. Поэтому мы разработали переносную панель управления ACR с системой автоматического съема, которая позволяет эффективно работать по всему коровнику и гарантирует быстрый и физиологически-оптимальный процесс доения.



Vantaggi

- ✓ Maneggevole ed ergonomico
- ✓ Riserva vuoto di 2L incorporata
- ✓ Zero fluttuazioni e zero perdite
- ✓ Soluzione "Plug & Play"
- ✓ Composto da polimero 100% riciclabile
- ✓ Nessuna manutenzione

Benefits

- ✓ Easy to handle and ergonomic
- ✓ Integrated 2L vacuum reserve
- ✓ Zero fluctuation and zero waste
- ✓ "Plug & Play" solution
- ✓ Made by 100% recyclable polymer
- ✓ Service free

Avantages

- ✓ Maniable et ergonomique
- ✓ 2L réserve de vide intégrée
- ✓ Aucune oscillation et aucune perte
- ✓ Solution "Plug & Play"
- ✓ Composé par un polymère 100% recyclable
- ✓ Sans entretien

Преимущества

- ✓ Управляемый и эргономичная
- ✓ Содержит 2 литра вакуумного резерва
- ✓ Отсутствие колебаний и утечки молока
- ✓ Функция "Plug & Play"
- ✓ Произведена из 100% перерабатываемого полимера
- ✓ Не нуждается в дополнительном техобслуживании

CombiFast hook

Stainless steel suspending bracket

"End-of-milking" light

Protection cover for Pulsator and CV

Rubber hoses guide ear

Long-life chassis with 2L. of vacuum reserve

ACR panel

Protection for milk/vacuum inlets

Portable ACR set-up includes:

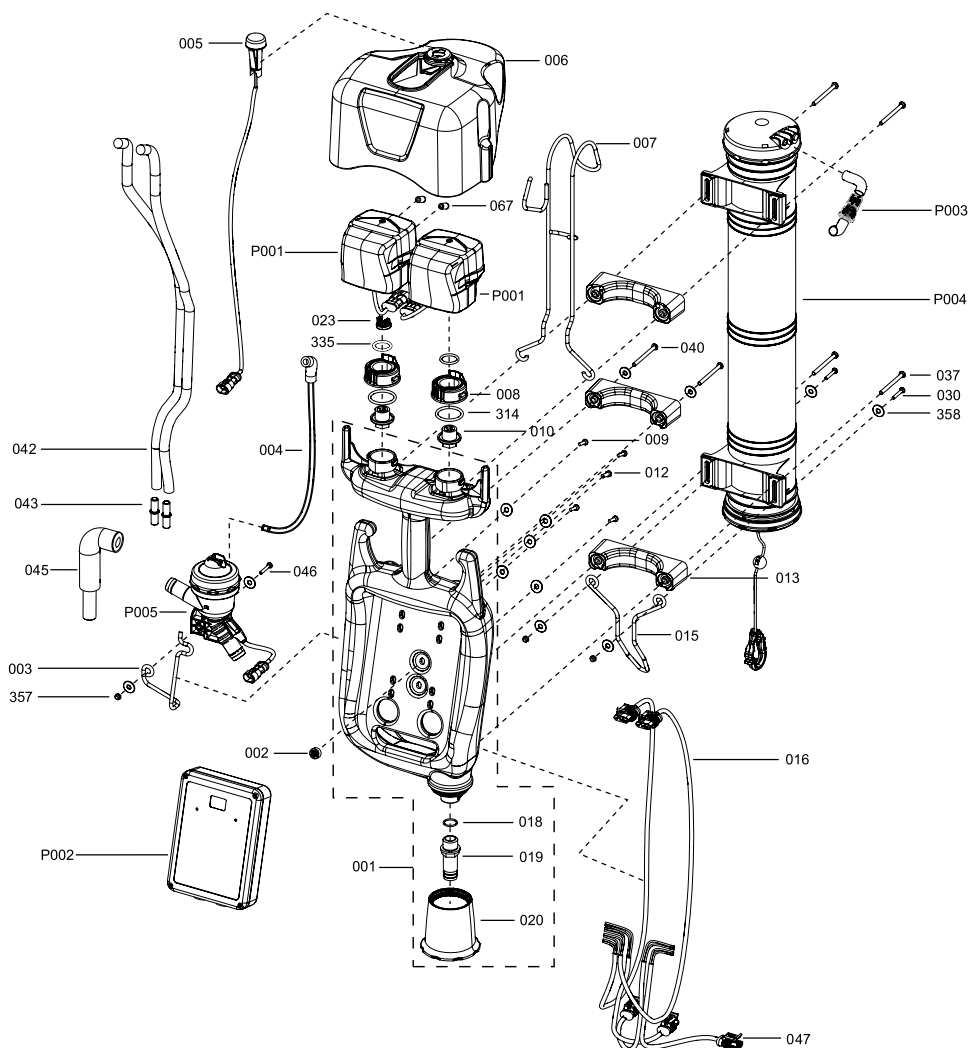
- ✓ Electronic Pulsator and CV
- ✓ DVC1000 cylinder
- ✓ ACRsmart panels
- ✓ HFSevo
- ✓ Prewired cables

Dati Tecnici

Alimentazione: 24 VDC
Peso Portable ACR: 4,5 Kg
Peso Portable ACR + Gruppo: 9,5 Kg

Technical Data

Input Voltage: 24 VDC
Weight Portable ACR: 4,5 Kg
Weight Portable ACR + Cluster: 9,5 Kg



Pos.	Ref.	Note
P001	1069001	LE30
P002	5639001	ACRsmart
P003	5200104	
P004	5209043	DVC1000
P005	5519040	HFSevo
001	5610025	Chassis
002	5610024	
003	5610007	
004	5610028	
005	5640035	
006	5610030	
007	5610004	
008	5610043	
009	5610017	
010	5610060	
012	5610016	
013	5610011	
015	5610006	
016	5610056	
018	5610022	
019	5610014	
020	5610010	
023	1030426	
030	5510035	
037	5610015	
040	5610048	
042	5610051	
Top 30 043	1900063	
045	5610055	
046	5610049	
047	5610057	
067	1060095	
314	2800122	
335	2800123	
357	5510036	
358	5200037	

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Portable ACR	Ref.	Note
	5619006	Portable ACR



Portable iMilk401

Tie Stall Milk Yield Indicator

Portable iMilk401 "Lite"



iMilk401 è la risposta alla crescente necessità di avere una indicazione di produzione di latte per stalle con vacche legate. Il quadro di comando permette di scegliere tra 5 programmi di mungitura, assicurando l'impostazione ideale per qualsiasi esigenza.

iMilk401 is the answer to the growing demand of milk yield indicator for tie-stall barn. The panel permits to choose among 5 milking program, ensuring a tailor made setting depending of the need.

iMilk401 est la réponse au besoin croissant d'avoir une indication de la production du lait dans les installation à stabulation fixe. Le panneau permet de choisir entre 5 programmes de traite, en assurant le réglage idéal pour toutes exigences.

Система iMilk401 создана в ответ на растущий запрос в необходимости подсчета продуктивности молока у коров при привязном стойловом содержании. Панель управления с 5-ю программами доения и с широким выбором индивидуальных настроек, отвечает самым взыскательным требованиям.



Caratteristiche

- ✓ Avanzata indicazione della produzione
- ✓ Rilevamento conducibilità e cellule somatiche
- ✓ Controllo avanzato della Pulsazione
- ✓ Controllo avanzato della stimolazione
- ✓ Controllo avanzato delle funzioni ACR
- ✓ Disponibile con Dairy Management DHM
- ✓ Identificazione Manuale

Features

- ✓ Advanced Yield indication
- ✓ Conductivity and SCC information
- ✓ Advanced Pulsation control
- ✓ Advanced stimulation control
- ✓ Reliable ACR control
- ✓ DHM Dairy Management available
- ✓ Manual ID

Caractéristiques

- ✓ Indication avancée de la production
- ✓ Detection de la conductivité des cellules somatiques
- ✓ Contrôle avancé de la pulsation
- ✓ Contrôle avancé de la stimulation
- ✓ Contrôle avancé des fonctions de l'ACR
- ✓ Disponible avec Dairy Management DHM
- ✓ Identification manuelle

Характеристики

- ✓ Передовые методы подсчета продуктивности
- ✓ Измерение проводимости молока и подсчет соматических клеток
- ✓ Опережающий контроль за пульсацией
- ✓ Опережающий контроль за стимуляцией
- ✓ Опережающий контроль за функциями ACR
- ✓ Доступен с Dairy Management DHM
- ✓ Ручная идентификация

Vantaggi

- ✓ Mungitura ergonomica
- ✓ Fino a 45 mungiture memorizzabili per pannello
- ✓ Software di gestione mandria completo e facile da usare
- ✓ Ampio display multifunzione
- ✓ Controllo avanzato delle funzioni di lavaggio

Benefits

- ✓ Ergonomic milking
- ✓ Up to 45 milking record per panel
- ✓ Complete and user-friendly Dairy Management
- ✓ Large multifunction display
- ✓ Advanced washing control

Avantages

- ✓ Traite ergonomique
- ✓ Jusqu'à 45 traites mémorisables pour chaque panneau
- ✓ Software pour la gestion du troupeau complet et facile à utiliser
- ✓ Display grand et multifonctions
- ✓ Contrôle avancé des fonctions de lavage

Преимущества

- ✓ Эргономичное доение
- ✓ В программу панели заложено до 45 настроек
- ✓ Легкая в использовании компьютеризированная система управления стадом
- ✓ Широкий многофункциональный дисплей
- ✓ Контроль за функциями промывки



Portable iMilk401 set-up includes:

- Electronic Pulsator and CV ✓
- DVC1000 cylinder ✓
- iMilk401 + sensor ✓
- SOvalve evo ✓
- Prewired cables ✓

Dati Tecnici

Accuratezza indicazione di produzione: +/- 10%
Alimentazione: 24 VDC
Peso Portable iMilk401: 4,5 Kg
Peso Portable iMilk401 + Gruppo: 9,5 Kg

Technical Data

Milk yield accuracy: +/- 10%
Input Voltage: 24 VDC
Weight Portable iMilk401: 4,5 Kg
Weight Portable iMilk401 + Cluster: 9,5 Kg



DHM Dairy Management

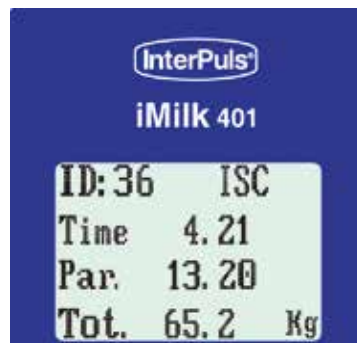
Portable iMilk401



Milking



Performance



Washing



Il software Dairy Herd Management permette l'acquisizione e l'analisi dei dati di produzione della mandria raccolti dall'iMilk401. Durante il lavaggio i dati della mungitura sono scaricati sul PC, a disposizione dell'Allevatore, grazie ad un'interfaccia user-friendly.

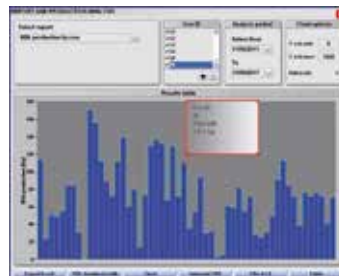
The software Dairy Herd Management permits to download and understand the dairy herd production data collected by iMilk401 panels. During washing phase the milking information are downloaded into the PC.

Le software Dairy Herd Management permet l'acquisition et l'analyse des données de production du troupeau que iMilk401 va recueillir. Pendant le lavage les données de la traite sont déloger dans l'ordinateur, à disposition de l'éleveur, grâce à une interface facile à utiliser.

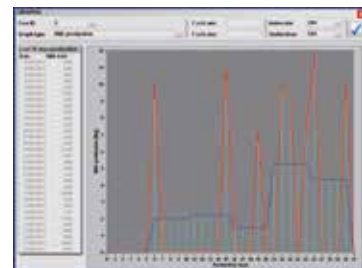
Программное обеспечение для управления стадом (Dairy Herd Management) позволяет осуществлять при помощи iMilk401 сбор и анализ данных о продуктивности стада. Во время процесса мойки данные загружаются в ПК и благодаря удобному интерфейсу к ним всегда гарантирован быстрый доступ пользователей.



Data import interface
Displays data on user-friendly chart



Herd performance
Permits to summarize the herd's performance through an intuitive graph



Cow milk Yield
The cow performance at a glance! The milk graph permits to plan an appropriate strategy.



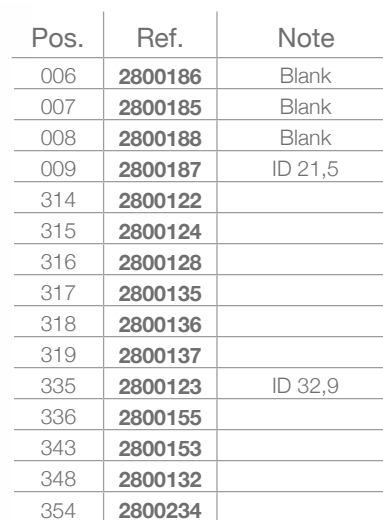
Cows Manager
Cow data: ID number, name, birth date, ISO tag
Cow agenda: lactation, insemination, treatment...
Cow status: dry, milking...

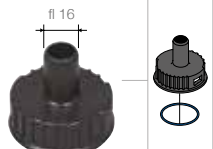
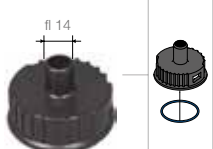
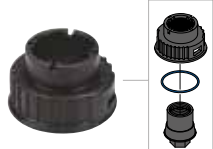
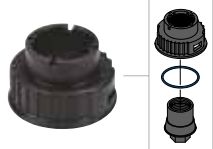


DHM Dairy Management	Ref.	Note
	5640010	DHM 401 Pro
	5640020	CAN BUS Cable 100 m roll

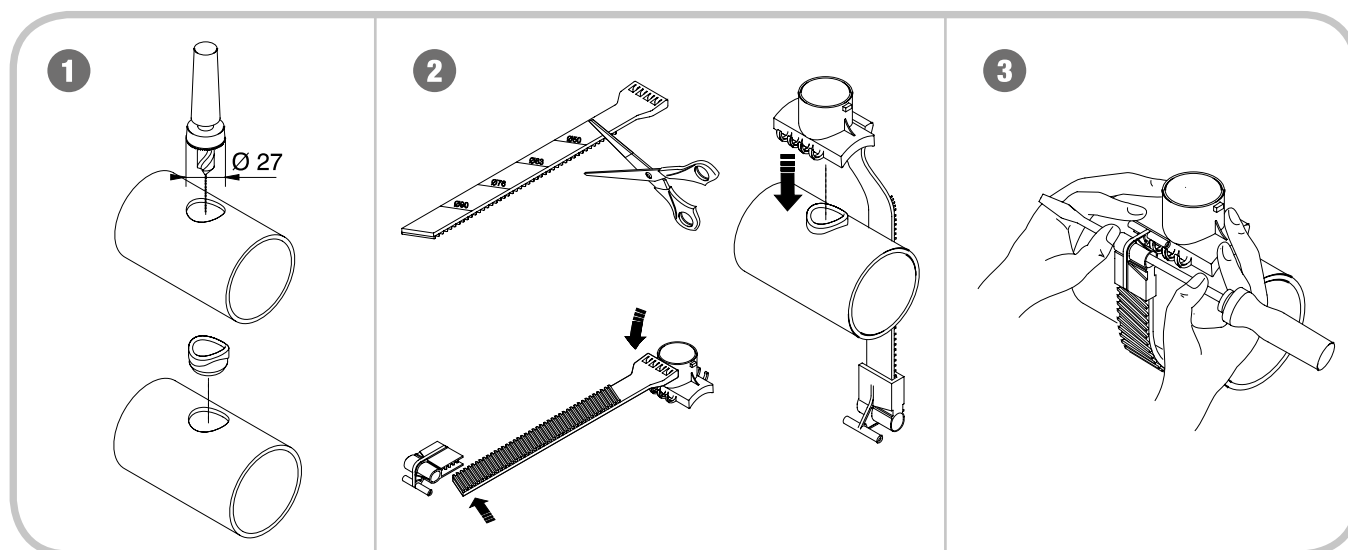


✓ Patented



Quick fit mounting (52 ÷ 114 mm)	Note	Ref.	Adapter	Ref.
		2800137 2800188 Blank		
	Electronic Pulsator & CV	2809078		2800132
	Clear airline	2809079 D. 16		2800153
 Not included  2809116	Vacuum Pulsator	2809133 D. 14		2800234
	Sanivac	2809088 Blank		2800186 Blank
	Servo pilot valve	2809089		2800187
	Blanking cap			2800155

3 Step Mounting



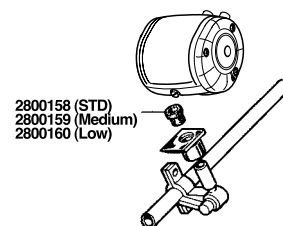


Adapters



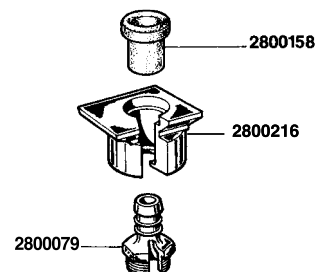
Ref.	Note
Top 30 2809114	High - STD (26 mm)
Top 30 pag. 6-7	

- Attacco standard.
- Standard adapter.
- Attache standard.
- Стандартный адаптер.



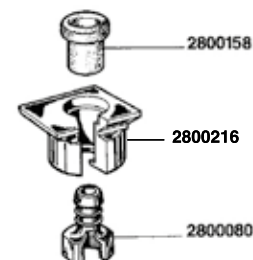
Ref.	Note
2809093	1/2" - M

- Attacco std completo di portagomma.
- Standard adapter complete with fitting.
- Attache std pour prise de vide en salle de traite.
- Стандартный адаптер укомплектован фитингом.



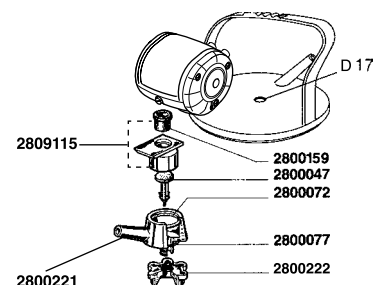
Ref.	Note
2809094	1/2" - F

- Attacco std completo di portagomma.
- Standard adapter complete with fitting.
- Attache std pour prise de vide en salle de traite.
- Стандартный адаптер укомплектован фитингом.



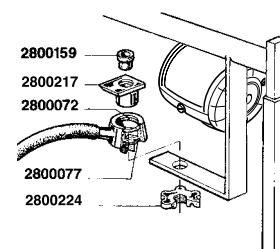
Ref.	Note
2809120	

- Attacco dotato di volantino di fissaggio e valvola, per l'applicazione sul coperchio inox.
- Adapter complete with fixing handwheel and valve for use on stainless steel bucket lid.
- Attache avec ecrou et clapet pour l'application sur couvercle en acier inox.
- Адаптер с моховиком крепления и клапаном для применения на крышках из нержавеющей стали.



Ref.	Note
2809121	

- Attacco dotato di volantino di fissaggio per l'applicazione su mungitrici carrellate e impianti trasporto latte.
- Adapter complete with fixing handwheel for use on mobile milking machines and pipeline installations.
- Attache avec ecrou sans clapet pour l'application sur chariot trayeur et bras de traite.
- Адаптер с моховиком крепления для использования в установках доильных индивидуальных и при доении в молокопровод.

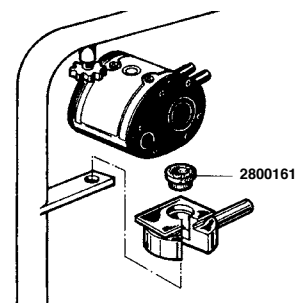


* Special Item available on demand.



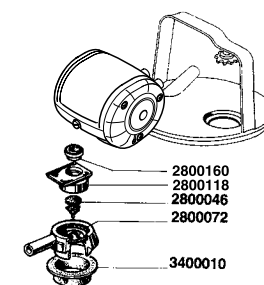
Ref.	Note
2809025	

- Attacco dotato di volantino di fissaggio per l'applicazione su mungitrici carrellate.
- Adapter complete with fixing handwheel for use on mobile milking machines.
- Attache avec ecrou sans clapet pour l'application sur chariot trayeur.
- Адаптер с моховиком крепления для использования в индивидуальных доильных установках.



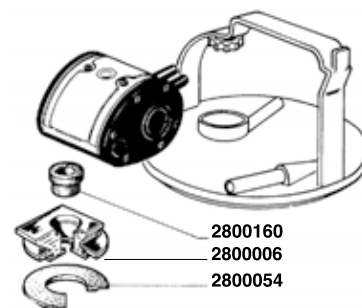
Ref.	Note
2809122	

- Attacco dotato di valvola per l'applicazione sul coperchio in acciaio inox DeLaval e Manus.
- Adapter complete with valve for use on DeLaval and Manus stainless steel bucket lid.
- Attache avec clapet pour l'application sur le couvercle en acier inox DeLaval et Manus.
- Адаптер с клапаном применяется на крышках из нержавеющей стали тип DeLaval и Manus.



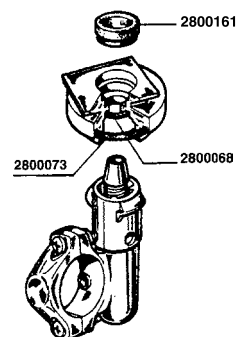
Ref.	Note
2809013	

- Attacco basso per l'applicazione sul coperchio in plastica o alluminio DeLaval.
- Low adapter for use on DeLaval plastic or aluminium bucket lid.
- Attache basse pour l'application sur le couvercle en plastique ou aluminium DeLaval.
- Адаптер низкий применяется на крышках из пластика и алюминия тип DeLaval.



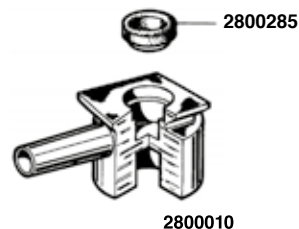
Ref.	Note
2809113	

- Attacco con innesto a baionetta per l'applicazione su impianti trasporto latte, sale di mungitura e mungitrici carrellate DeLaval - Manus.
- Bayonet adapter for use on pipeline installations, milking parlours and DeLaval - Manus mobile milking machines.
- Attache à baïonnette pour l'application sur les transferts à lait, salles de traite et trayeuses à chariots DeLaval - Manus.
- Адаптер с клапаном применяется на крышках из нержавеющей стали тип DeLaval и Manus.



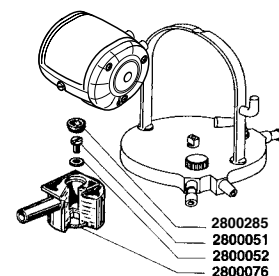
Ref.	Note
2809139	

- Attacco per l'applicazione sul coperchio Miele-export.
- Adapter for use on Miele-export lid.
- Attache pour l'application sur couvercle Miele-export.
- Адаптер для применения на крышках Miele-export.



Ref.	Note
2809032	

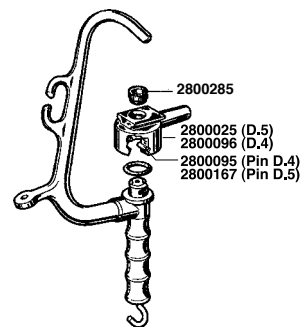
- Attacco per l'applicazione sul coperchio WestfaliaSurge tipo nuovo.
- Adapter for use on WestfaliaSurge lid, new type.
- Attache pour l'application sur le couvercle WestfaliaSurge, nouveau type.
- Адаптер для применения на крышках WestfaliaSurge нового типа.





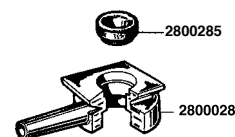
Ref.	Note
2809140	Spina - Pin D. 5 mm
2809141	Spina - Pin D. 4 mm

- Attacco con innesto a baionetta per l'applicazione su impianti WestfaliaSurge.
- Bayonet adapter for use on WestfaliaSurge installations.
- Attache à baionnette pour l'application sur les installations WestfaliaSurge.
- Адаптер с входом для штыкового соединения применяется на доильных установках WestfaliaSurge.



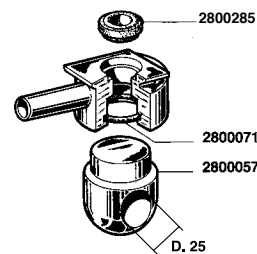
Ref.	Note
2809040	

- Attacco per l'applicazione sul coperchio Fullwood.
- Adapter for use on Fullwood lid.
- Attache pour l'application sur le couvercle Fullwood.
- Адаптер для применения на крышке Fullwood.



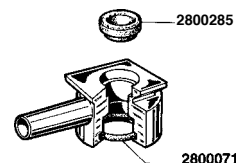
Ref.	Note
2809137	

- Attacco per l'applicazione su impianti trasporto latte e sale di mungitura Fullwood.
- Adapter for use on Fullwood pipeline installations and milking parlours.
- Attache pour l'application sur les transferts à lait et salles de traite Fullwood.
- Адаптер для применения на доильных установках при доении в молокопровод и доильных залах Fullwood.



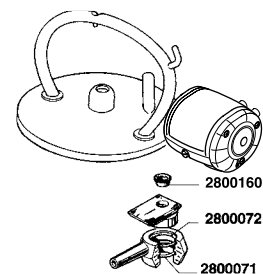
Ref.	Note
2809136	

- Attacco per l'applicazione su impianti Fullwood, senza tampone.
- Adapter for use on Fullwood installations, without plug.
- Attache pour l'application sur installations Fullwood, sans bouchon.
- Адаптер для применения в доильных установках Fullwood без заглушки.



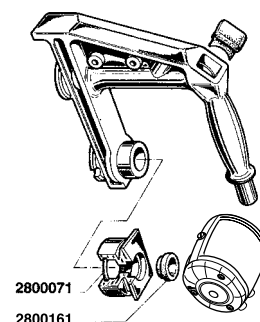
Ref.	Note
2809043	

- Attacco per l'applicazione sul coperchio inox Effectiv (SAC).
- Adapter for use on Effectiv (SAC) stainless steel lid.
- Attache pour l'application sur le couvercle inox Effectiv (SAC).
- Адаптер для применения на крышке из нержавеющей стали Effectiv.



Ref.	Note
2809046	

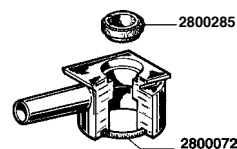
- Attacco per l'applicazione su impianti trasporto latte Melotte, n.t.
- Adapter for use on Melotte pipeline installations.
- Attache pour l'application sur les poignées Melotte, nouveau modèle.
- Адаптер для применения на доильных установках при доении в молокопровод Melotte.





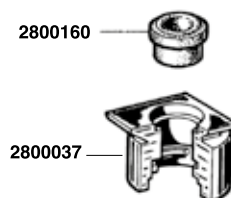
Ref.	Note
2809138	

- Attacco per l'applicazione sul coperchio Gascoigne.
- Adapter for use on Gascoigne lid.
- Attache pour l'application sur le couvercle Gascoigne.
- Адаптер для применения на крышке Gascoigne.



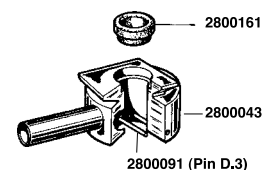
Ref.	Note
2809050	

- Attacco con innesto a baionetta adattabile A.H.I.
- Bayonet adapter suitable for A.H.I.
- Attache à bayonnette avec joint adaptable A.H.I.
- Адаптер с входом для штыкового соединения для доильных установок тип A.H.I.



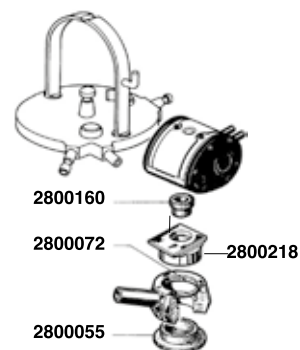
Ref.	Note
2809056	

- Attacco per l'applicazione sul coperchio inox Melotte.
- Adapter for use on Melotte stainless steel lid.
- Attache pour l'application sur le couvercle inox Melotte.
- Адаптер для применения на крышке из нержавеющей стали Melotte.



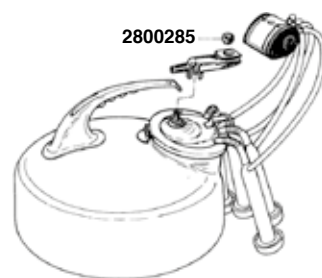
Ref.	Note
2809034	

- Attacco per l'applicazione sul coperchio WestfaliaSurge, tipo vecchio.
- Adapter for use on WestfaliaSurge lid, old type.
- Attache pour l'application sur le couvercle WestfaliaSurge, ancien type.
- Адаптер для применения на крышке WestfaliaSurge, старого типа.



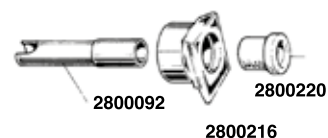
Ref.	Note
2809061	

- Attacco per l'applicazione sul coperchio Surge, secchio sospeso.
- Adapter for use on Surge lid, suspended bucket.
- Attache pour l'application sur le couvercle Surge, pot suspendu.
- Адаптер для применения на крышке Surge, подвешенное ведро.



Ref.	Note
2809117	

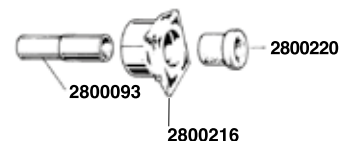
- Attacco per l'applicazione su sale di mungitura Boumatic.
- Adapter for use on Boumatic milking parlours.
- Attache pour l'application sur le salles de traite Boumatic.
- Адаптер для применения в доильных залах Boumatic.





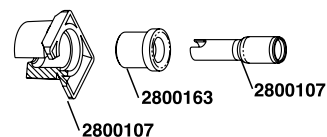
Ref.	Note
2809118	

- Attacco per l'applicazione su sale di mungitura DeLaval.
- Adapter for use on DeLaval milking parlours.
- Attache pour l'application sur le salles de traite DeLaval.
- Адаптер для применения в доильных залах DeLaval.



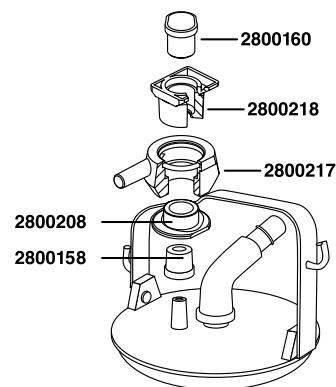
Ref.	Note
2809119	

- Attacco per applicazione UNIVERSAL.
- Adapter for UNIVERSAL installations.
- Attache pour l' application UNIVERSAL.
- Адаптер для универсального применения.



Ref.	Note
2809106	

- Attacco per applicazione su coperchio russo.
- Adapter for use on Russian lid.
- Attache pour l' application sur le couvercle russe.
- Адаптер для применения на крышке доильного ведра русского типа.



Clamp



Ref.	Note
3400053	Clamp for tube D.30
3400054	Clamp for tube D.40
3400055	Clamp for tube D.50

Stabilvac

Spring Vacuum Regulator



✓ Patented

Vantaggi

- ✓ Facile da installare
- ✓ Regolazione del vuoto stabile ed affidabile
- ✓ Indicato per piccoli impianti
- ✓ Silenziosa

Benefits

- ✓ Easy to install
- ✓ Stable, reliable vacuum regulation
- ✓ Designed for small systems
- ✓ Silent

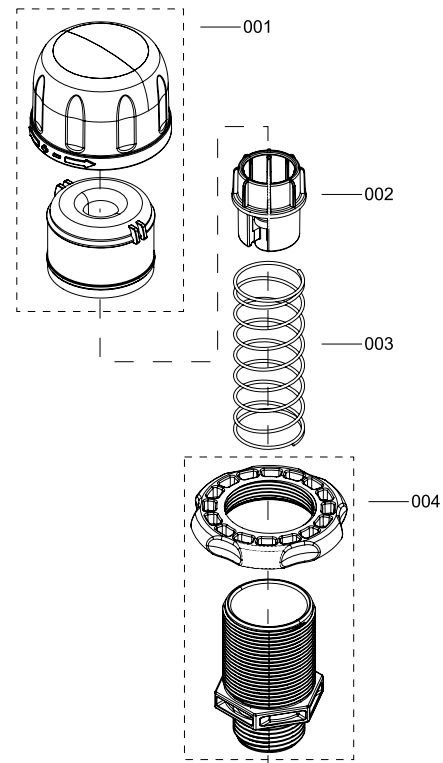
Avantages

- ✓ Facile à installer
- ✓ Réglage du niveau de vide stable et fiable
- ✓ Indiqué pour les petites installations de traite
- ✓ Silencieux

Преимущества

- ✓ Легко установить
- ✓ Стабильная и надежная регулировка вакуума
- ✓ Предназначен для использования в небольших доильных установках
- ✓ Бесшумный

	Ref.	Note
	5069001	Spring vacuum Regulator 1" Vacuum pump capacity: 250 l/min
	5049001	Spring vacuum Regulator 1" Vacuum pump capacity: 500 l/min



Pos.	Ref.	Note
001	5060008	
002	5060004	
003	5060003	
004	5060007	



Stabilvac 1500-3600

Servo Vacuum Regulators



✓ Patented

I regolatori del vuoto Stabilvac garantiscono un vuoto stabile ed affidabile in ogni condizione operativa, salvaguardando la salute degli animali.

The Stabilvac vacuum regulators grant a stable and reliable vacuum in any condition, protect animal's health.

Les régulateurs du vide Stabilvac assurent un vide constant et fiable en toutes conditions de travail, en protégeant la santé des animaux.

Вакуумрегуляторы Стабилвак гарантируют стабильный и надежный уровень вакуума при любых условиях работы, тем самым сохраняя здоровье животных.

Vantaggi

- ✓ Elevata precisione del segnale e grande sensibilità della valvola permettono di reagire tempestivamente nella regolazione del vuoto
- ✓ Progettate specificatamente per minimizzare il consumo di vuoto
- ✓ Installazione facile e veloce

Benefits

- ✓ High accuracy of the signal and great sensitivity of the valve allow a quick reaction when regulating the vacuum system
- ✓ Designed expressly to minimise the vacuum consumption avoiding to reduce unnecessarily the vacuum reserve of the milking system
- ✓ Quick and easy to install

Avantages

- ✓ La haute précision du signal et la grande sensibilité de la valve permettent d'intervenir instantanément dans la régulation du vide
- ✓ La conception vise spécifiquement à réduire au minimum la consommation de vide et à éviter d'entamer la réserve utile de la machine
- ✓ Installation simple et rapide

Преимущества

- ✓ Высокая точность сигнала и высокая точность клапана позволяют своевременно реагировать на регуляцию уровня вакуума
- ✓ Специально спроектированы для уменьшения потребления вакуума продлевая срок службы установки
- ✓ Легко и быстро монтируется

Dati Tecnici

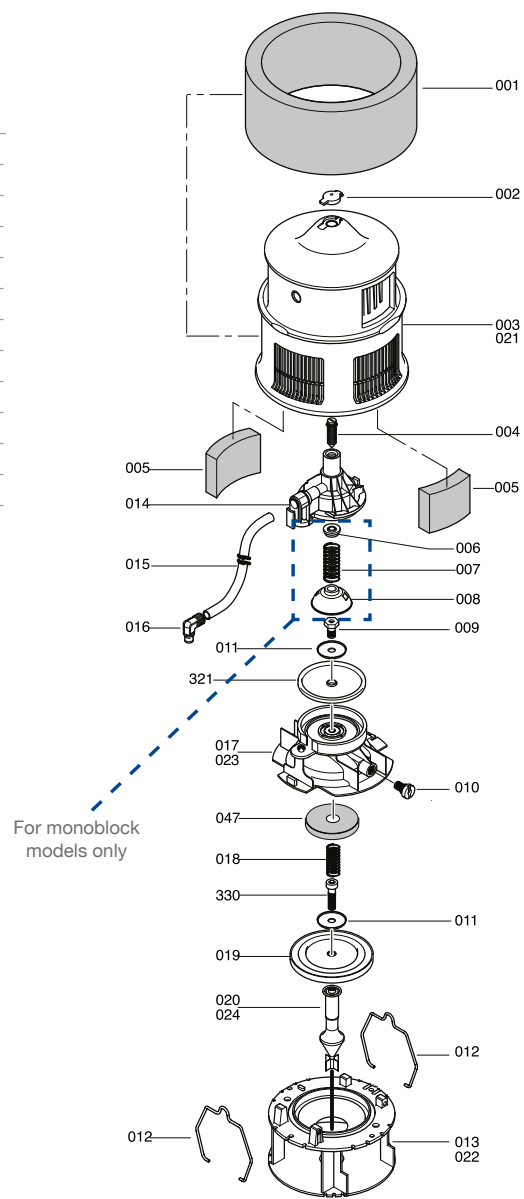
Raccordo filettato: 1" Gas Maschio
Dimensioni: 131x131x181 mm
Peso: 0,415 Kg

Technical Data

Connection thread: 1" Bsp Male
Dimensions: 131x131x181 mm
Weight: 0,415 Kg

Pos.	Ref.	Note
001	5010039	
002	5010023	
003	5010006	1500
004	5000047	with OR
005	5010062	
006	5000030	
007	5000019	
008	5000029	
009	5000033	
010	5000046	
011	5000015	
012	5010007	
013	5010001	1500
014	5000027	

Pos.	Ref.	Note
015	5000054	0,5 mm
016	5000044	
017	5010003	1500
018	5000016	
019	5000005	
020	5010051	1500
021	5010058	3600
022	5010034	3600
023	5010060	3600
024	5010053	3600
047	5010063	
321	5000032	
330	5020004	



Vacuum pump maximum capacity	50 kPa (15" Hg)		Monoblock	
	l/min	cfm	1500	3600
	350	12		
	500	18		
	750	27	OPTIMUM	
	1000	35		
	1250	44		
	1500	53		
	1750	62		OPTIMUM
	2000	71		

Stabilvac		
1500 monoblock	3600 monoblock	3600 separate
		
5019007	5019008	5019011



Stabilvac 4000-6000

Servo Vacuum Regulators



✓ Patented

I regolatori del vuoto Stabilvac garantiscono un vuoto stabile ed affidabile in ogni condizione operativa, salvaguardando la salute degli animali.

The Stabilvac vacuum regulators grant a stable and reliable vacuum in any condition, protect animal's health.

Les régulateurs du vide Stabilvac assurent un vide constant et fiable en toutes conditions de travail, en protégeant la santé des animaux.

Вакуумрегуляторы Стабилвак гарантируют стабильный и надежный уровень вакуума при любых условиях работы, тем самым сохраняя здоровье животных.

Vantaggi

- ✓ Elevata precisione del segnale e grande sensibilità della valvola permettono di reagire tempestivamente nella regolazione del vuoto
- ✓ Eccellente silenziosità
- ✓ Installazione facile e veloce

Benefits

- ✓ High accuracy of the signal and great sensitivity of the valve allow a quick reaction when regulating the vacuum system
- ✓ Excellent quietness
- ✓ Quick and easy to install

Avantages

- ✓ La haute précision du signal et la grande sensibilité de la valve permettent d'intervenir instantanément dans la régulation du vide
- ✓ Très silencieuse
- ✓ Installation simple et rapide

Преимущества

- ✓ Высокая точность сигнала и высокая чувствительность позволяют своевременно реагировать на регуляцию уровня вакуума
- ✓ Бесшумный
- ✓ Простой и быстрый монтаж

Dati Tecnici SPV

Filetto di raccordo: 1/2" Gas Maschio
Dimensioni: 108x108x114 mm
Peso: 0,210 Kg

Dati Tecnici MCV

Filetto di raccordo: 1 - 1/2" Gas Maschio
Dimensioni: 140x140x237 mm
Peso: 1,150 Kg

SPV Technical Data

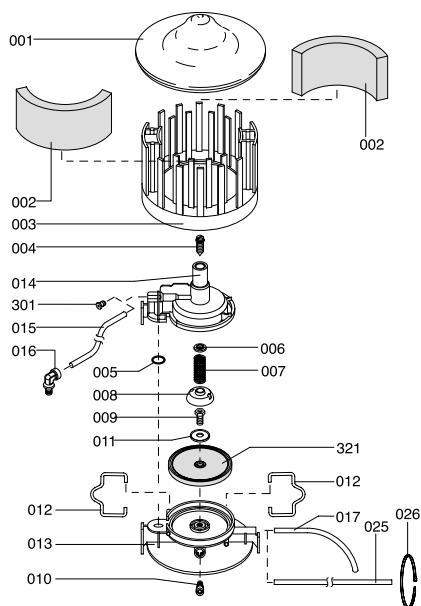
Connection thread: 1/2" Bsp Male
Dimensions: 108x108x114 mm
Weight: 0,210 Kg

MCV Technical Data

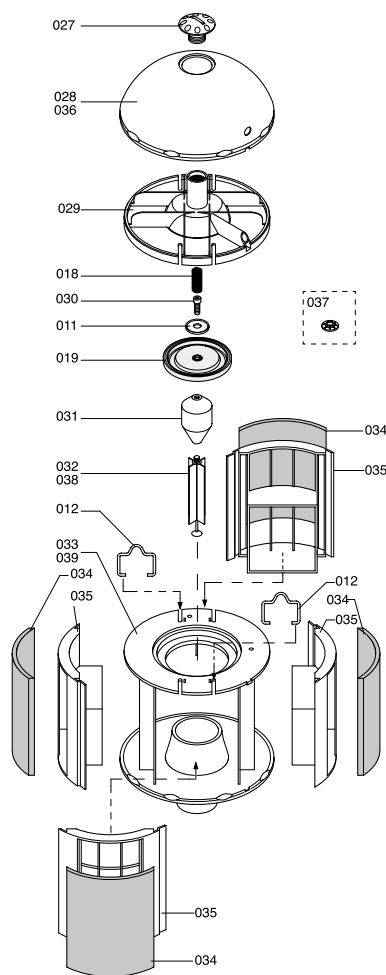
Connection thread: 1 - 1/2" Bsp Male
Dimensions: 140x140x237 mm
Weight: 1,150 Kg

SPV

Servo Pilot Valve



Pos.	Ref.	Note	Pos.	Ref.	Note
001	5000031		011	5000015	
002	5000095		012	5000010	
003	5000072		013	5000115	
004	5000047	with OR	014	5000027	
005	5000041		015	5000054	0,5 mt Mon.
006	5000030		016	5000044	Mon.
007	5000019		017	5000055	0,12 mt Mon.
008	5000029		025	5000056	10 mt Sep.
009	5000033		301	1000274	Sep.
010	5000046		321	5000032	



MCV

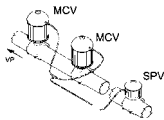
Main Control Valve

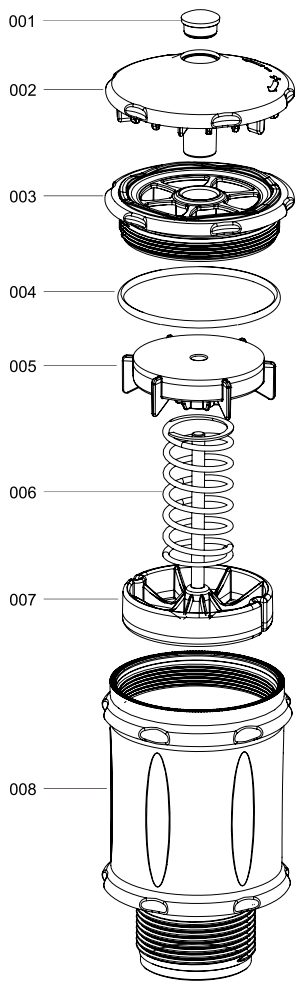
Pos.	Ref.	Note
011	5000015	4000
012	5000010	
018	5000016	
019	5000005	
027	5000013	Sep.
028	5000066	4000
029	5000001	
030	5000018	
031	5000026	
032	5000012	4000
034	5000042	
035	5000039	
036	5000067	6000
037	5000017	6000
038	5000011	6000
045	5000002	4000/6000

Stabilvac	Ref.	
Servo Vacuum Regulators	4000	6000
Monoblock	5009008	5009009
Separate	5009025 With Q.M. kit (SPV)	5009026 With Q.M. kit (SPV)

Vacuum pump maximum capacity	50 kPa (15" Hg)		Monoblock		Separate		Separate	
	l/min	cfm	4000	6000	4000	6000	2 x 4000	2 x 6000
	2100	74						
	2500	88	OPTIMUM		OPTIMUM			
	3000	106						
	3300	115						
	2 x 1500	2 x 53		OPTIMUM		OPTIMUM		
	3 x 1500	3 x 53					OPTIMUM	
	2 x 3000	2 x 106						OPTIMUM
	2 x 3300	2 x 115						

Vacuum Regulators		Ref.	
SPV		5009024 With Q.M. kit	
MCV		5009001 MCV 4000	5009002 MCV 6000

Accessories		Ref.	
SPV		5020006	
MCV / Safety Valve		5000056	Supplementary connection tube 10 m
SPV		3400056 3400058 3400060 3400101	63 x 1/2" F 76 x 1/2" F 90 x 1/2" F 110 x 1/2" F
MCV / Safety Valve		3400057 3400059 3400061 3400108	63 x 1"-1/2 F 76 x 1"-1/2 F 90 x 1"-1/2 F 110 x 1"-1/2 F
SPV		Top 30 3420015 3420014	Drain Valve - 1/2" - Thread part Drain Valve - 3/4" - Thread part



Pos.	Ref.
001	5020027
002	5020023
003	5020022
004	5020029
005	5020024
006	5020028
007	5020025
008	5020030



Pop-Off Safety Valve



Pop Off Safety Valve is the compact, easy to install, "stand-alone" solution designed to safeguard the integrity of the milking system and the health of herd.

Vacuum Regulators



Safety Valve

Ref.

5029008

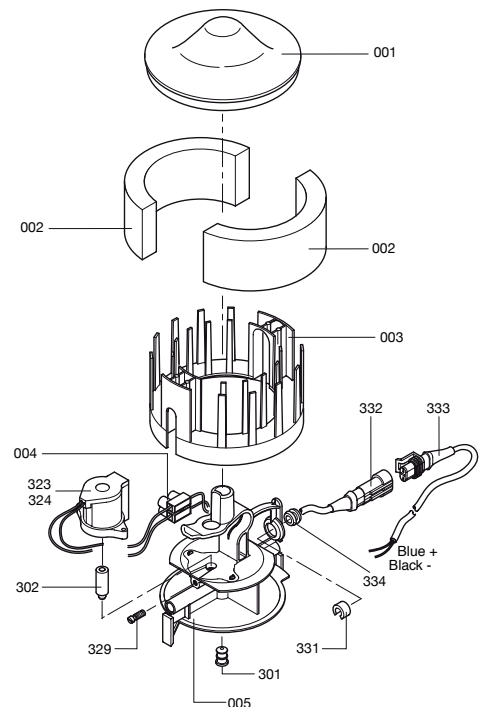
Note

Pop Off 6000 - 1" 1/2 Gas



Sanivac Washing Vacuum Regulator

Sanivac is an unique device conceived to encrease the washing effectiveness thanks to the vacuum.



Vacuum Regulators



Sanivac

Ref.

5039009
5039010

Note

Q.M. kit 24 VDC
Q.M. kit 12 VDC

Pos.

001
002
003
004
005
301
302

Ref.

5030028
5000095
5030003
5030002
5030001
1000274
1030256

Note

Pos.

323
324
329
331
332
333
334

Ref.

1030314
1030315
1050004
1030052
1030275
1030273
1030104

Note

24 V
12 V



iDrive100

Frequency Regulator



✓ Ideal with DVG500



✓ Multidisplay



Il nuovo iDrive100 by InterPuls consente di modulare i giri della pompa del vuoto abbattendo consumi, rumorosità e costi di manutenzione; assicurando la massima stabilità del livello di vuoto durante la mungitura.

The new InterPuls iDrive100 makes it possible to modulate the speed of the vacuum pump, thus reducing consumption, noise and maintenance costs and ensuring maximum stability of vacuum levels during milking.

Le nouveau iDrive100 InterPuls permet de moduler la vitesse de la pompe à vide en réduisant les consommations, les bruits et les coûts d'entretien et en garantissant la stabilité maximale du niveau de vide durant la traite.

Новый iDrive100 ИнтерПулс позволяет изменить скорость вакуумного насоса, снижая расходы, шумность и расходы на техническое обслуживание; обеспечивая максимальную стабильность уровня вакуума во время доения

Caratteristiche

✓ iDrive100 può governare una o più pompe, in parallelo o cascata

✓ Il nuovo software "Milk+" garantisce una maggiore velocità di risposta unita ad una maggiore stabilità del vuoto.

Features

✓ iDrive100 can govern one or more parallel or cascade pumps

✓ The new "Milk+" software, in synergy with the reliable sensor, guaranteed a swifter response, as well as improved vacuum stability.

Caractéristiques

✓ iDrive100 peut commander une ou plusieurs pompes, en parallèle ou en cascade

✓ Le nouveau logiciel «Milk+», en harmonie avec le capteur, caractérisé par sa fiabilité, garantit une plus grande vitesse de réponse unie à une plus grande stabilité du vide.

Характеристики

✓ iDrive100 может управлять одним или несколькими насосами, параллельным или каскадным способом

✓ Новое программное обеспечение "Milk+", совместно с надежным датчиком, гарантирует более быструю реакцию и соответственно большую стабильность вакуума.

- ✓ iDrive100 può essere programmato rapidamente "sul campo" attraverso il comodo tastierino oppure collegandolo al PC.
- ✓ iDrive100 can rapidly be programmed "on site" using the convenient mini-keyboard, or by connecting it to a PC.
- ✓ iDrive100 peut être programmé rapidement «sur le terrain» à travers un clavier pratique, en le branchant à l'ordinateur.
- ✓ iDrive100 может быть быстро запрограммирован «на поле» при помощи очень удобной клавиатуры или подсоединив его к компьютеру.
- ✓ Durante il lavaggio è possibile impostare un livello di vuoto maggiore rispetto a quello di mungitura.
- ✓ During the washing process, it is possible to set a higher vacuum level than during milking.
- ✓ Durant le lavage, il est possible de configurer un niveau de vide plus important par rapport à celui de la traite.
- ✓ Во время промывки можно установить больший уровень вакуума по отношению к уровню вакуума во время доения.
- ✓ Nuovo design "ad alette" per una miglior dispersione del calore.
- ✓ New "ribs" design for improved heat dispersion.
- ✓ Nouveau design «à ailettes» pour une meilleure dispersion de la chaleur.
- ✓ Новая форма "лопасти" для лучшего распределения температуры.
- ✓ Sistema ottimizzazione funzionamento ventola di raffreddamento "Start&Stop".
- ✓ "Start&Stop" system for optimising the functioning of the cooling fan.
- ✓ Système d'optimisation du fonctionnement de la vanne de refroidissement «Start&Stop».
- ✓ Система оптимизации функционирования вентилятора охлаждения "Start&Stop".

Vantaggi

- ✓ Minori consumi
- ✓ Silenziosità
- ✓ Minore usura delle pompe vuoto
- ✓ Rapido ritorno dell'investimento
- ✓ Controllo della temperatura del motore
- ✓ Adattabile a pompe a paletta, a lobi o pompe ad anello liquido

Benefits

- ✓ Lower consumption
- ✓ Noise free
- ✓ Vacuum pumps less subject to wear
- ✓ Quick return of the investment
- ✓ Monitoring of the temperature of the motor
- ✓ Fits to vane pumps, lobe pumps or liquid ring pumps

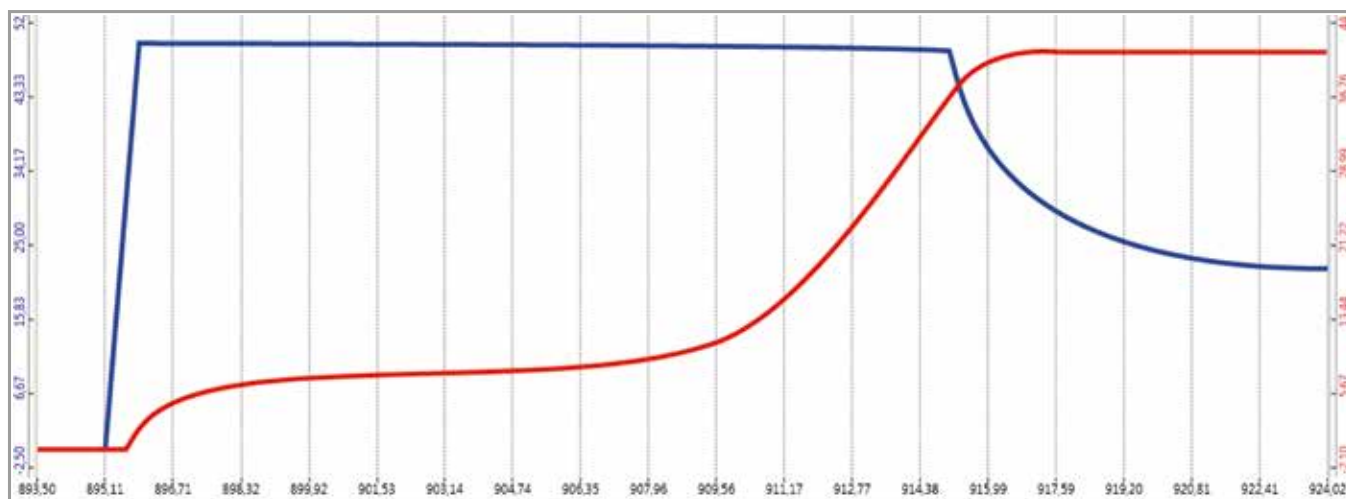
Avantages

- ✓ Consommations réduites
- ✓ Silence
- ✓ Usure réduite des pompes à vide
- ✓ Retour rapide de l'investissement
- ✓ Possibilité de montage de la température du moteur
- ✓ Adaptable pour les pompes à palettes, à lobes ou à anneau liquide

Преимущества

- ✓ Уменьшение расходов
- ✓ Бесшумность
- ✓ Уменьшает использование вакуумных насосов
- ✓ Быстрый возврат вложенного капитала
- ✓ Возможность мониторинга температуры двигателя
- ✓ Подходит для различных типов вакуумных насосов, пластинчато-роторных, водокольцевых

■ Frequency
■ Vacuum



	Ref.	Description
	5109020	DVG-500 20-4 mA - 24 VDC
	7010001	iDrive display board
	7019001 7019002 7019003 7019004 7019005 7019006 7019007 7019008 7019009	iDrive100 S 380-500V 3.4A 1.5HP iDrive100 S 380-500V 4.8A 2.0HP iDrive100 S 380-500V 5.6A 3.0HP iDrive100 S 380-500V 8.0A 5.0HP iDrive100 S 380-500V 9.6A 5.0HP iDrive100 S 380-500V 12.0A 7.5HP iDrive100 M 380-500V 16.0A 10.0HP iDrive100 M 380-500V 23.0A 15.0HP iDrive100 M 380-500V 31.0A 20.0HP
	7019013* 7019014* 7019015* 7019016* 7019017* 7019018* 7019019* 7019020* 7019021*	iDrive100 S 200-240V 6.6A 1.5HP iDrive100 S 200-240V 8.0A 2.0HP iDrive100 S 200-240V 11.0A 3.0HP iDrive100 S 200-240V 12.5A 4.0HP iDrive100 S 200-240V 18.0A 5.0HP iDrive100 S 200-240V 24.2A 7.5HP iDrive100 M 200-240V 31.0A 10.0HP iDrive100 M 200-240V 48.0A 15.0HP iDrive100 M 200-240V 62.0A 20.0HP
	7019010 7019011 7019012	iDrive100 L 380-500V 38.0A 25.0HP iDrive100 L 380-500V 46.0A 30.0HP iDrive100 L 380-500V 61.0A 40.0HP
	7010015 7010014 7010021	Integrated Switch iDrive100 S Integrated Switch iDrive100 M Integrated Switch iDrive100 L
	7010016	USB-RJ45 RS485 Cable
	7010017	Shielded Cable 4x2.5 - 5mt
	7010018	Shielded Cable 4x2.5 - 50mt

* Special Item available on demand.



DVG-T

Portable Digital Vacuum Gauge



Vantaggi

- ✓ Compatto ed ergonomico
- ✓ Ideale per misurare le variazioni del vuoto
- ✓ Funzionamento cordless a batteria
- ✓ Tecnologia con micro-processore
- ✓ Rilevamento temperatura ambientale

Benefits

- ✓ Compact and ergonomic
- ✓ Ideal for vacuum inspection
- ✓ Cordless device
- ✓ Microprocessor technology
- ✓ Environmental temperature detection

Avantages

- ✓ Compact et ergonomique
- ✓ Idéal pour mesurer les variations dans le vide à différents endroits de l'installation
- ✓ Fonctionnement sans fil à batterie
- ✓ Technologie fiable avec microprocesseur
- ✓ Détection de la température de l'environnement

Преимущества

- ✓ Компактный и эргономичный
- ✓ Идеален для измерения изменений вакуума в различных точках установки
- ✓ Беспроводное функционирование от батареи
- ✓ Надежная технология с микро-процессором
- ✓ Измерение температуры окружающей среды

Dati Tecnici

Range misurazione pressione: -100 kPa ÷ +100kPa
Range misurazione temperatura: -20°C ÷ +50 °C
Precisione misurazione pressione: ± 0,6 kPa
Precisione misurazione temperatura: +/- 0,5 °C
Risoluzione pressione: 0,1 kPa +/- digit
Risoluzione temperatura: 0,1°C +/- digit
Dimensioni: 145x80x35 mm
Alimentazione con batteria transistor 9V
Peso: 0,2 kg

Technical Data

Pressure measurement range: -100 kPa ÷ +100kPa
Temperature measurement range: -20°C ÷ +50 °C
Pressure measurement accuracy: ± 0,6 kPa
Temperature measurement accuracy: +/- 0,5 °C
Pressure resolution: 0,1 kPa +/- digit
Temperature resolution: 0,1°C +/- digit
Dimensions: 145x80x35 mm
9V transistor battery powered
Weight: 0,2 kg

DVG-T



Ref.

5109018



ACRsmart



Protection class **IP65**

- ACR control
+ Pulsation
+ Stimulation
+ Swingover feature
+ Competitive design



Vantaggi

- ✓ Controllo avanzato della Pulsazione
- ✓ Controllo avanzato delle funzioni di stacco
- ✓ Stimolazione "on-demand" e in base al flusso
- ✓ Nuove funzioni "Last", "Milking" e "Washing"
- ✓ Affidabile sensoristica HFS by InterPuls
- ✓ Led segnalazione stacco/ flusso/stimolazione/ allarme

Benefits

- ✓ Advanced Pulsation control
- ✓ Advanced control of cluster remover functions
- ✓ "On-demand" and flow based Stimulation
- ✓ New "Last", "Milking" e "Washing" features
- ✓ Reliable HFS sensors by InterPuls
- ✓ Led indicator for remover/ flow/stimulation/alarm

Avantages

- ✓ Contrôle avancé de la pulsation
- ✓ Contrôle avancé des fonctions de décrochage
- ✓ Stimulation "on demand" et selon flux
- ✓ Nouvelles fonctions "Last", "Milking" et "Washing"
- ✓ Fiables HFS InterPuls capteurs
- ✓ Led pour signaler le détachement / flux/ stimulation /alarme

Преимущества

- ✓ Улучшенный контроль пульсации
- ✓ Улучшенный контроль функций автоматического съема
- ✓ Стимуляция "по требованию" или в зависимости от поступления молока
- ✓ Новые функции "Last", "Milking" и "Washing"
- ✓ Надежность датчика HFS от ИнтерПульс
- ✓ Световые индикаторы съема/ потока/ стимуляции/ тревоги

Informazioni

- ✓ Led presenza di latte
- ✓ Led Flusso continuo
- ✓ Led Mungitura Automatica
- ✓ Led Mungitura Manuale
- ✓ Led Stimolazione
- ✓ Led Lavaggio
- ✓ Led Errore
- ✓ Tempo di mungitura

Information

- ✓ Led presence of milk
- ✓ Led Continual flow
- ✓ Led Automatic Milking
- ✓ Led Manual Milking
- ✓ Led Stimulation
- ✓ Led Washing
- ✓ Led Error
- ✓ Milking Time

Informations

- ✓ Del présence de lait
- ✓ Del Flux continu
- ✓ Del Traite Automatique
- ✓ Del Traite Manuelle
- ✓ Del Stimulation
- ✓ Del Lavage
- ✓ Del Erreur
- ✓ Temps de Traite

Информация

- ✓ Световой индикатор присутствия молока
- ✓ Световой индикатор постоянного потока молока
- ✓ Световой индикатор автоматического доения
- ✓ Световой индикатор ручного доения
- ✓ Световой индикатор Стимуляции
- ✓ Световой индикатор Промывка
- ✓ Световой индикатор Ошибка
- ✓ Время доения

ACR Panels	Ref.	Note
 	5639001	ACRsmart Panel
Spare Parts	Ref.	Note
 	5630001 5630005 5630009	PCB Only ACRsmart Keyboard only ACRsmart Keyboard + Front cover

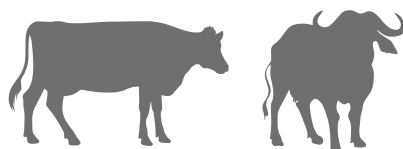




ACRsmart MMV

Milk Meter

Ideal for



Protection class IP67

La versione **MMV** di **ACRsmart** rappresenta una soluzione di stacco e misurazione "stand-alone" affidabile e competitiva. Ideale per l'Allevatore che vuole un controllo sulla produzione della singola bovina, senza complicazioni di layout dell'impianto di mungitura.

ACRsmart MMV è la soluzione ideale anche per upgrade di sale esistenti. Il sistema è modulare e può essere aggiornato, in qualunque momento, con il misuratore iMilk600.

The **MMV** version of **ACRsmart** represents a reliable and competitive solution for automatic cluster remover and milk metering "stand-alone". Perfect for the Farmer that needs a milk yield control per cow without complication for the layout of the milking parlour.

ACRsmart MMV is the ideal solution even for existing farms. The system is modular and can be easily updated with iMilk600 milk meter.

La version **MMV** de **ACRsmart** représente une solution fiable et compétitive pour le décrochage et le mesurage "stand-alone". **ACRsmart MMV** est idéal pour l'éleveur qui veut avoir un control de la production de lait par bovine, sans aucune complication dans la configuration de l'installation de traite.

ACRsmart MMV est la solution idéal pour les sales existantes aussi. Le système est modulaire et peut être mis à jour, à tout moment, avec le mesureur iMilk600.

Новая версия **MMV** относящаяся к серии **ACRsmart** представляет собой надёжное и конкурентноспособное решение для автоматического съёма доильной группы и молокоизмерения "stand-alone". Идеально для фермера, которому необходимо контролировать надой одной коровы, не прибегая к сложным схемам доильного зала.

Идеально подходит и для модернизации уже существующих доильных комплексов. Эта система модульная, которая может быть дополнена в любой момент молокомером iMilk600.

Vantaggi

- ✓ Misurazione affidabile (< 2% errore)
- ✓ Stacco delicato – no sovrasmungitura
- ✓ Controllo temperatura lavaggio
- ✓ Facile da installare, usare e programmare

Benefits

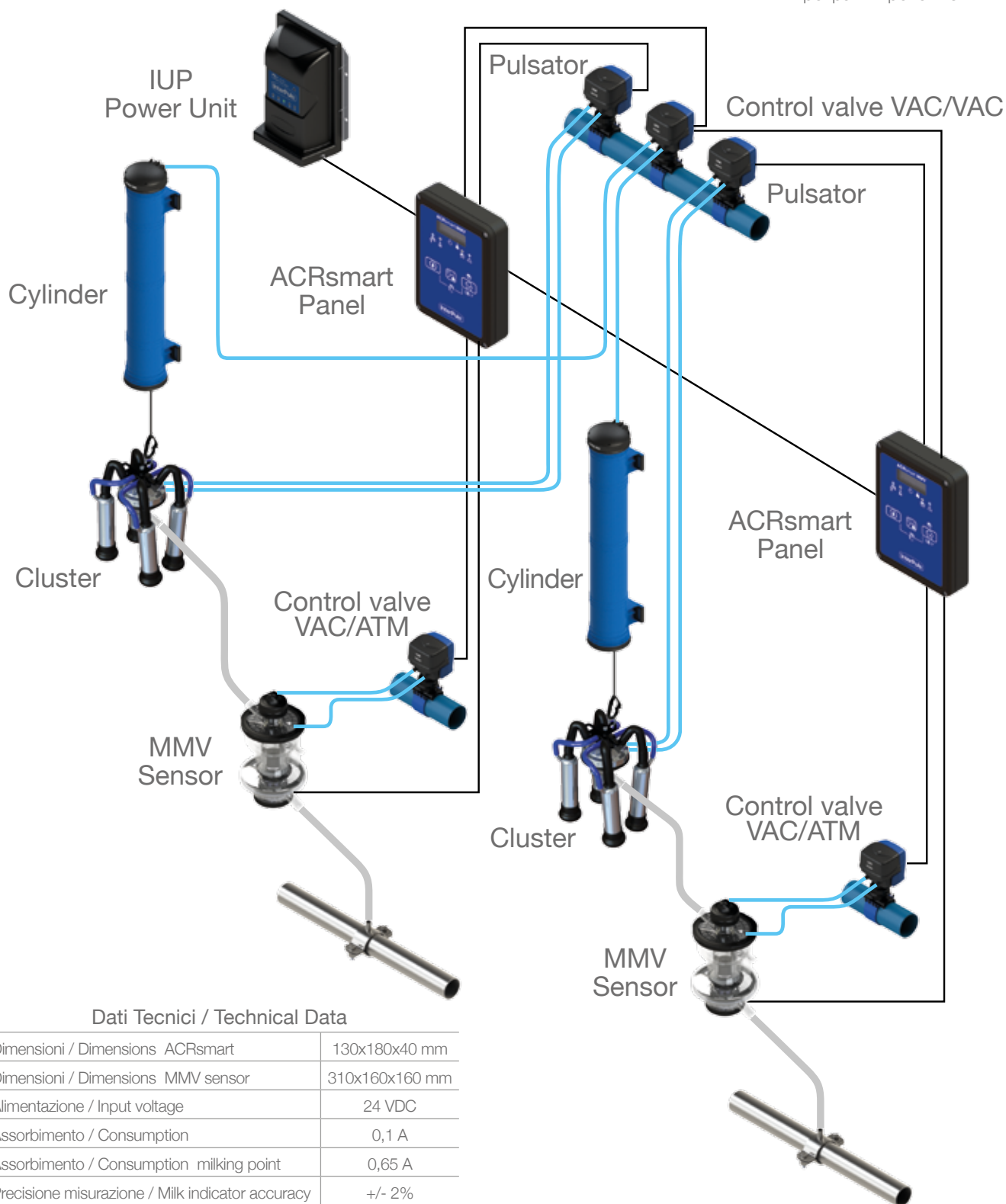
- ✓ Reliable milk meter (< 2% error)
- ✓ Gentle cluster remover – no overmilking
- ✓ Washing temperature monitoring
- ✓ Easy to install, to use and to program

Avantages

- ✓ Mesurage fiable (< 2% d'erreur)
- ✓ Décrochage délicat - aucun risque de surtraite
- ✓ Contrôle température de lavage
- ✓ Facile à installer, utiliser et programmer

Преимущества

- ✓ Надёжное измерение (погрешность < 2%)
- ✓ Щадящий съём доильной группы, без передоя
- ✓ Мониторинг температуры промывки
- ✓ Простая установка, лёгкое использование и программирование.



Dati Tecnici / Technical Data

Dimensioni / Dimensions ACRsmart	130x180x40 mm
Dimensioni / Dimensions MMV sensor	310x160x160 mm
Alimentazione / Input voltage	24 VDC
Assorbimento / Consumption	0,1 A
Assorbimento / Consumption milking point	0,65 A
Precisione misurazione / Milk indicator accuracy	+/- 2%



ACRsmart MMV

Milk Meter



Display

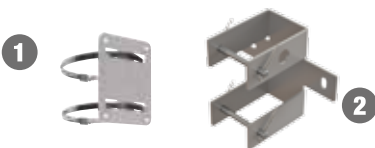
Milk yield / milking time /
washing temperature

Manual & Automatic milking / Stimulation

Milk yield / milking time

Stop

	Ref.	Note
	5769007	ACRsmart MMV
	5769001	ACRsmart MMV Panel
	5629001	Volumetric milk meter

	Ref.	Note
	5500076 5620063	ACRsmart Panel Bracket 1 MMV Bracket 2
	5620019	Sensor cable - 100 mt roll
	5629003	Milk Sampler
	5519025	HFSevo 2,5 mt cable
	5519042	HFSevo 10 mt cable





iMilk600

Milk Meter

Ideal for  



Protection class IP67

iMilk600 è quanto di più evoluto presente sul mercato. Elettronica avanzata e sensoristica affidabile, fanno di questo innovativo misuratore elettronico un prodotto unico; perfetto per l'Allevatore che vuole massimizzare il profitto della mandria da latte.

Il sensore volumetrico, con shut-off incorporata, è il più compatto sul mercato. Grazie alla doppia-camera, il latte è misurato in modo preciso ed il design interno assicura un livello di vuoto stabile, senza schiuma. Facile da pulire, grazie alle superfici interne, il sensore **iMilk600** può essere ispezionato e smontato senza l'ausilio di particolari attrezzi.

iMilk600 is the state-of-the-art in electronic milk metering. Advanced electronics and reliable sensors make this new milk meter a unique product; perfect for the Farmer that aims to maximize the dairy herd profit.

The "fill-and-dump" Sensor, with on-board shut off, is the most compact on the market. Thanks to the double chamber, the milk is precisely measured and the internal design grants stable vacuum and foam free environment. Easy to clean, thanks to the smooth internal design, the **iMilk600** sensor can be easily serviced by hands. No tools required.



iMilk600 est combien de plus évolué il y a sur le marché. Electronique avancée et un système de capteurs fiable, font de cet innovatif compteur électronique, un produit unique, idéal pour l'Eleveur qui veut maximiser les profits du troupeau laitier.

Le capteur volumétrique, avec clapet de fermeture incorporée, est le plus compact du marché. Grâce à la double chambre le lait est mesuré avec précision et le design à l'intérieur assure un niveau de vide stable, sans mousse. Facile à nettoyer, grâce aux surfaces internes, le capteur **iMilk600** peut être inspecté et démonté sans l'aide des outils spécifiques.

iMilk600 самый усовершенствованный на современном рынке. Передовая электроника и надёжные датчики делают этот продукт уникальным; идеально подходит для фермера, стремящегося получить максимальную прибыль от молочного стада.

Молокомер с интегрированным клапаном является наиболее компактным на рынке. Наличие двойного отделения позволяет точно измерять молоко, а внутренней дизайн гарантирует стабильный уровень вакуума без образования пены. Благодаря гладкой внутренней поверхности он легко чистится, молокомер **iMilk600** может быть проверен и разобран без помощи специального инструмента.

Vantaggi

- ✓ Misurazione affidabile (meno 2% errore)
- ✓ Stacco delicato – no sovrarungitura
- ✓ Allarme conducibilità
- ✓ Funzione dati Networking
- ✓ Opzione multi-display
- ✓ Facile da installare e da programmare

Benefits

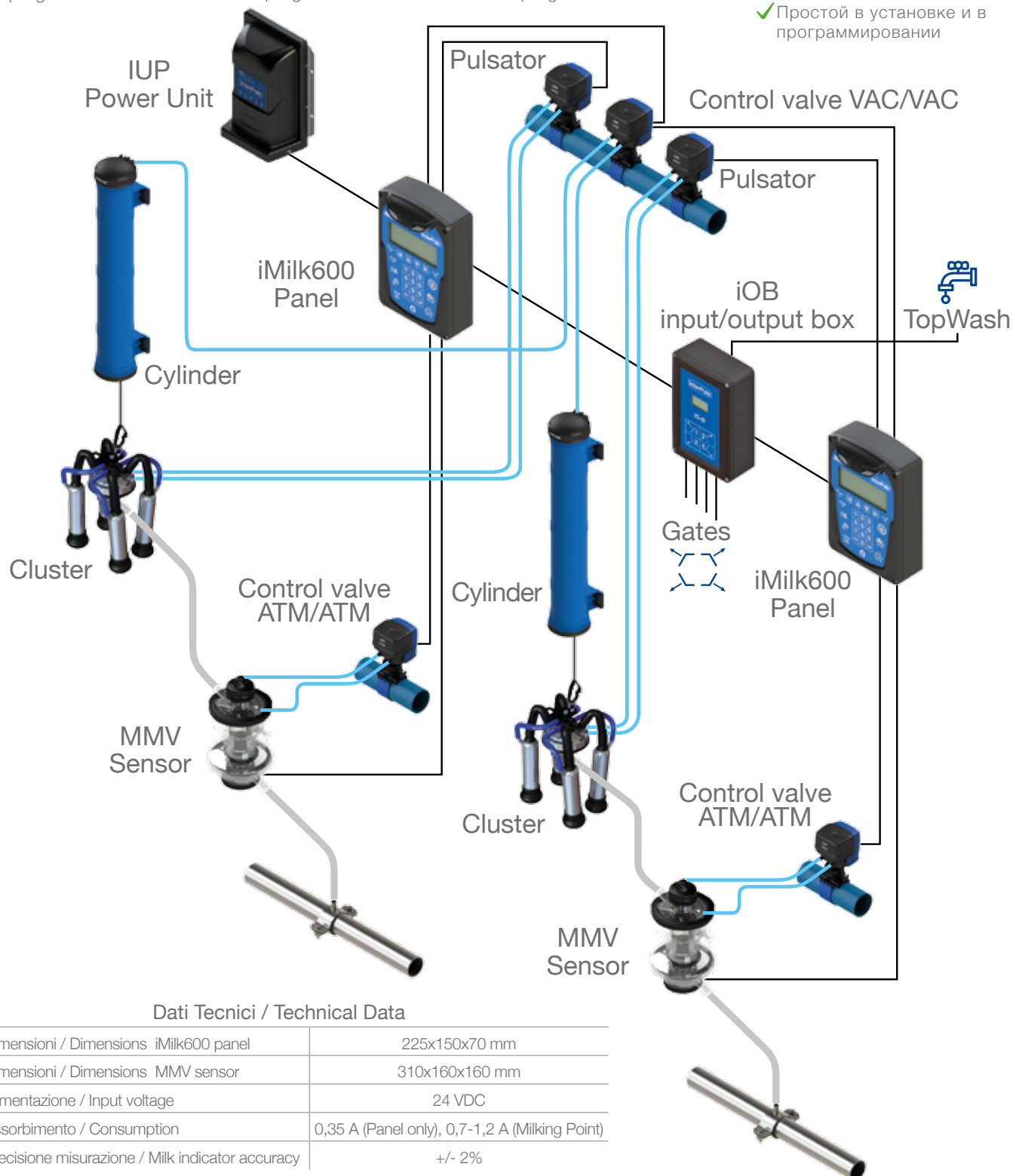
- ✓ Reliable milk metering (less 2% error)
- ✓ Gentle take off – no overmilkng
- ✓ Conductivity alert
- ✓ Data networking feature
- ✓ Multi-display option
- ✓ Easy to install and to program

Avantages

- ✓ Mesurage fiable (erreur inférieure à 2%)
- ✓ Détachement delicate – aucune surtraite
- ✓ Alerte conductivité
- ✓ Fonction data networking
- ✓ Option multi display
- ✓ Facile à installer et à programmer

Преимущества

- ✓ Надёжное измерение (погрешность менее 2%)
- ✓ Щадящий съём – без передоя
- ✓ Сигнал электропроводимости
- ✓ Данные в сети Networking
- ✓ Опция мультidisплей
- ✓ Простой в установке и в программировании



Dati Tecnici / Technical Data

Dimensioni / Dimensions iMilk600 panel	225x150x70 mm
Dimensioni / Dimensions MMV sensor	310x160x160 mm
Alimentazione / Input voltage	24 VDC
Assorbimento / Consumption	0,35 A (Panel only), 0,7-1,2 A (Milking Point)
Precisione misurazione / Milk indicator accuracy	+/- 2%



iMilk600

Milk Meter

**MULTI-LANGUAGE
MENU**

12

IT/FR/DE/
GB/ES/PT/
RU/CN/KOR/
JP/TR/AR

LANGUAGES

**EMBEDDED DAIRY
MANAGEMENT**

1

**LACTATION
DATA
STORAGE**

Milking info

Stim/Preparation

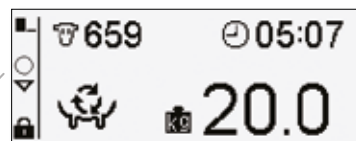
**Cleaning/
Washing report**

**Aut/Man
in-parlour feeding**

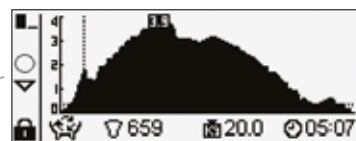
**Milking Status
Alarm Led**

Buzzer

Display Options



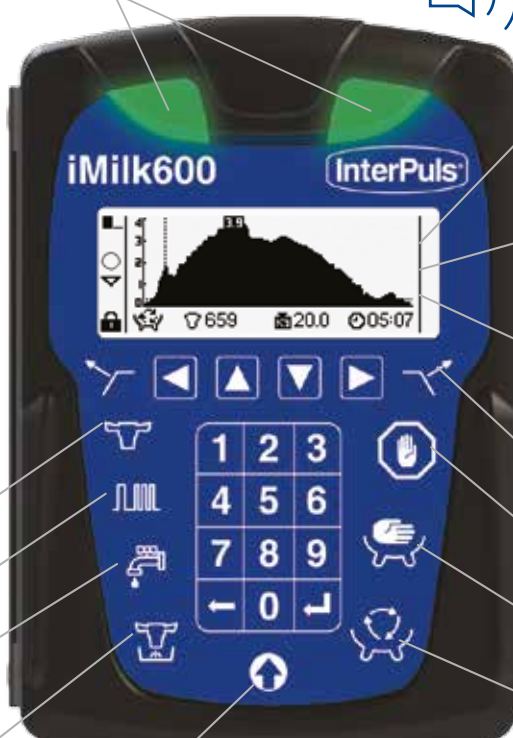
Basic



Graphic

Gate	Time	Volume
38.3	3.4	5.6
38.3	6.9	6.3

Full-data



Gate Control (4 gates)

Stop

Manual take-off

Automatic take-off

Shift

Volumetric Meter

Vantaggi

- ✓ Affidabile tecnologia volumetrica
- ✓ Polimero alimentare ad alta resistenza
- ✓ Shut-off integrata
- ✓ Manutenzione facile, senza attrezzi

Benefits

- ✓ Reliable fill and dump technology
- ✓ Resistant food-grade polymer
- ✓ On-board shut-off.
- ✓ Easy to service, tools-free



**HIGH
ACCURACY**

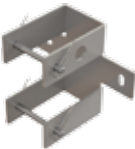
**2%
LESS THAN
ERROR**

Avantages

- ✓ Technologie volumétrique fiable
- ✓ Polymère alimentaire à haute résistance
- ✓ Clapet de fermeture Shut-off incorporée
- ✓ Entretien facile, sans outils

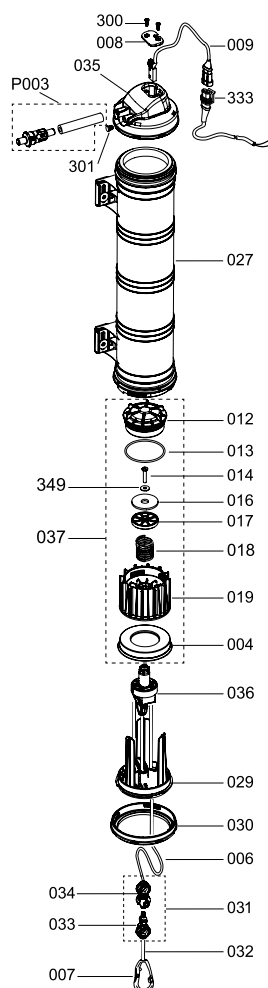
Преимущества

- ✓ Надёжная технология fill and dump
- ✓ Прочный пищевой полимер
- ✓ Интегрированный клапан
- ✓ Лёгкое обслуживание, без инструмента

	Ref.	Note
	5659005	iMilk600 Panel + sensor
	5659003	iMilk600 Panel 1
	5629001	Volumetric milk meter 2
	5620063	MMV Bracket
	5620019	Sensor cable - 100 mt roll 1
	5550173	4 wire shielded cable 2 x 2 x 0,8 mm ² Power and Data transmission - 100 mt roll 2
	5659006	iOB input/output box (washing - gates control)
	5629003	Milk Sampler
 IUP	1049131	IUP 13 A, 320 W up to 16 iMilk600 milking points Stand alone IUP 13 A, 320 W up to 10 iMilk600 milking points + in-parlour feeding + lock gate
	5620064	MMV Service Kit (lower shutter + Shut Off Valve)
	5620065	MMV Service Kit (Diaphragm + Gasket)
	5620066	MMV Service Kit (Probe + Floater)
	5620067	MMV 6 Floaters set
	5620068	MMV 6 Springs set
	5620070	MMV Service Kit (6 CPL Connectors)

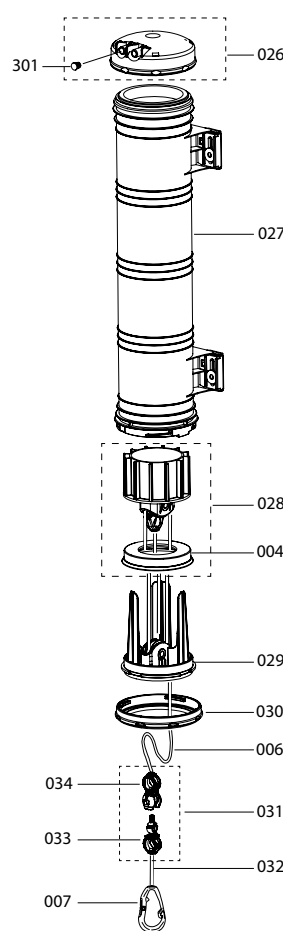
	Ref.	Note
	1030227	Silencer
	5219001 5219003	DVC800 2,7 mt rope DVC800 2,7 mt rope + Safety Clip
	5249001 5249003	DVC800 AS 2,7 mt rope - 1,5 mt cable DVC800 AS 2,7 mt rope - 1,5 mt cable + Safety Clip
	5239001	Quick Vent Valve
	5200104	One Way Valve (already included with DVC AutoStart)

DVC800 AS



Pos.	Ref.
P003	5200104
004	5200005
006	5240010
Top 30 007	5200112
008	5220038
009	5220063
012	5220041
013	5220046
014	5220045
016	5220043
017	5220048
018	5220047
019	5220040
027	5210023
029	5210010
030	5210003
031	5200100
032	5240012
033	5200098
034	5200099
035	5240001
036	5240004
037	5240003
Top 30 300	1000221
301	1000274
333	1030273
349	5500075
Top 30	pag. 6-7

DVC800



Pos.	Ref.
004	5200005
006	5240010
Top 30 007	5200112
026	5210011
027	5210023
028	5210008
029	5210010
030	5210003
031	5200100
032	5240012
033	5200098
034	5200099
301	1000274
Top 30	pag. 6-7

HFS evo

	Ref.	Note
	5519025	HFSevo 2,5 mt cable

Dati Tecnici

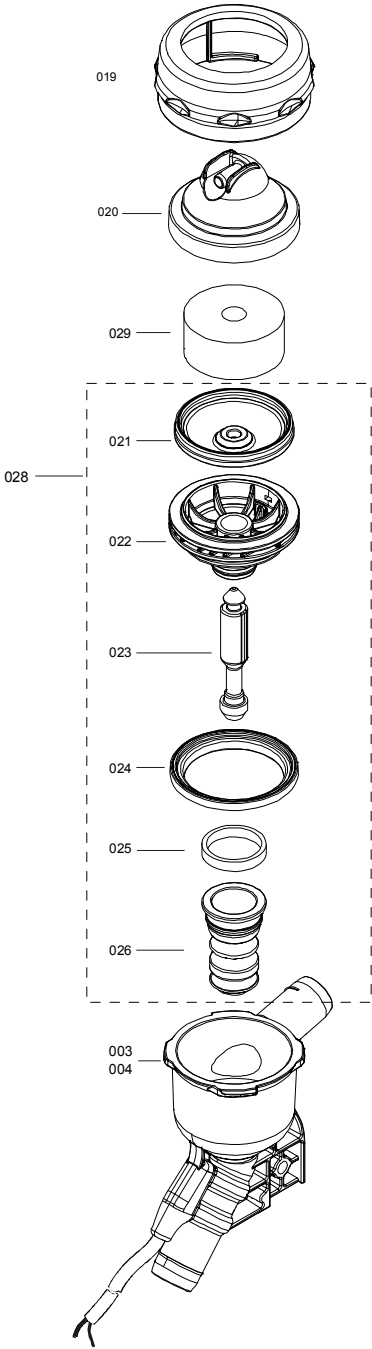
Peso: 320 g
 Dimensioni: 120x70x140 mm
 Tubo Entrata Latte: 21x16 mm
 Tubo Uscita Latte: 21x16 mm

Technical Data

Weight: 320 g
 Dimensions: 120x70x140 mm
 Milk Inlet hose: 21x16 mm
 Milk Outlet hose: 21x16 mm

	Ref.	Note
	5510062	HFS / Shut-Off Bracket

Pos.	Ref.	Note
003	5510121	2,5 mt cable
004	5510131	10 mt cable
019	5510090	
020	5510088	
021	5510089	
022	5510091	
023	5510093	
024	5510092	
025	5510108	
026	5510107	
028	5510116	
029	5510119	





Precision Farming

Il miglioramento del tasso di gravidanza è un aspetto fondamentale per la redditività della mandria da latte, ma non è l'unico: per incrementarla è importante infatti poter monitorare la salute ed il benessere di ciascuna vacca. InterPuls rende possibile tutto ciò grazie al "Precision Farming Kit" una scatola Plug & Play, pre-cablata e pre-assemblata che richiede soltanto un minimo di configurazione router/internet per funzionare.. La gamma viene poi completata con i Pedometri 3D e i Collari 3D, che consentono un controllo attento e puntuale dell'attività dei capi e del tempo dedicato all'alimentazione: importanti fattori che vanno ad influenzare la produzione di latte e di conseguenza la redditività aziendale.

Improving the pregnancy rate is fundamental in order to ensure the profitability of the dairy herd, but it's not the only aspect. In order to increase it, it's important to be able to monitor the health and well-being of each cow. InterPuls makes this possible through the "Precision Farming Kit": a plug & play box that comes pre-wired and pre-assembled and only requires a minimum router/internet configuration in order to get started. The range is then completed with "3D Leg Tag" and "3D Neck Tag, which grant a punctual and careful check both of cows activity and of eating time: two important aspects that influence milk production and farm profitability.



“3D” LegTag



- Standing & Lying
- Heat Detection
- Health Monitoring
- Calendar events



New feature: Standing & Lying

A cow shows the same pattern of behaviour and movements every day. Standing and Lying Monitoring tracks different aspects of this pattern: walking, standing and lying time, the number of times the animal stands up and the number of steps she takes per day. The system accurately tracks the cow 24/7 and issues alerts if there are any changes from the average of the past few days.



“3D” NeckTag



Heat Detection



Eating Behaviour



Calendar events

Precision Farming Set

	Ref.	Note
	5559030	Precision Farming kit

Antenna UHF

	Ref.	Note
	5550239	Antenna UHF
	5550278	Antenna UHF long range
	5550256	Antenna Support

Access Point / Wi-Fi Extender

	Ref.	Note
	5780024	Access Point N300 (2,4GHZ)
	5550361 5550400 5780025 5550402	LAN cable 1 mt LAN cable 5 mt LAN cable 20 mt LAN cable 50 mt
	5780027	LAN switch

Smart Leg Tags

	Ref.	Note
	5550242	set 10 x smart leg tags UHF
	5550246	set 10 x smart leg tags UHF + ISO
	5550058	set 10 x leg-strap

Smart Neck Tags

	Ref.	Note
	5550289	set 10 x smart neck tag UHF
	5550290	set 10 x smart neck tag UHF + ISO
	5550294	set 10 x neck collars

Slide Numbers

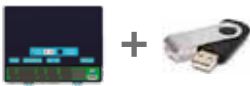
	Ref.	Note
	5550059	Set 10 x Slidenumbers Nr. "0"
	5550060	Set 10 x Slidenumbers Nr. "1"
	5550061	Set 10 x Slidenumbers Nr. "2"
	5550062	Set 10 x Slidenumbers Nr. "3"
	5550063	Set 10 x Slidenumbers Nr. "4"
	5550064	Set 10 x Slidenumbers Nr. "5"
	5550065	Set 10 x Slidenumbers Nr. "6"
	5550066	Set 10 x Slidenumbers Nr. "7"
	5550067	Set 10 x Slidenumbers Nr. "8"
	5550068	Set 10 x Slidenumbers Nr. "9"

Extra UHF Antenna Control Unit

	Ref.	Note
	5550328	NicNest Box 1
	5550071	vp2002 transformer
	5550364	extra control unit UHF
	5550240	extra UHF antenna cable
	5550239	antenna UHF
	5550278	antenna UHF long rage
	5550256	antenna support
	5780024	Access Point N300 (2,4GHZ)
	5550361	LAN cable 1 mt
	5550400	LAN cable 5 mt
	5550082	additional CAN-BUS cable

Velos

Velos Process Controller

	Ref.	Note
	1049131	IUP 320w 24VDC smps
	5550327	NicNest box 1
	5550321	VP8001 + sw velos base 5000 cows
	5550075	basic license + 5000 cows
	5550082	can communication cable
	5550400 5780025 5550402	LAN cable 5 mt LAN cable 20 mt LAN cable 50 mt

Velos Extra Control Unit (Slave)

	Ref.	Note
	1049131	IUP 320W 24VDC smps
	5550327	NicNest box 1
	5550070	VP8001 "VPU" process ctrl
	5550083	ethernet cable set 100 mt
	5780027	LAN switch

Leg Tags, Neck Tags, Ear Tags

Leg Tags

	Ref.	Note
	5550057	set 10 x leg pedometers ISO
	5550242	set 10 x smart leg tags UHF
	5550246	set 10 x smart leg tags UHF + ISO
	5550058	set 10 x leg-strap

Neck Tags

	Ref.	Note
	5550289	set 10 x smart neck tag UHF
	5550290	set 10 x smart neck tag UHF + ISO
	5550055	set 10 x neck power-ID blue
	5550294	set 10 x neck collars



Slide Numbers



	Ref.	Note
	5550059	Set 10 x Slidenumbers Nr. "0"
	5550060	Set 10 x Slidenumbers Nr. "1"
	5550061	Set 10 x Slidenumbers Nr. "2"
	5550062	Set 10 x Slidenumbers Nr. "3"
	5550063	Set 10 x Slidenumbers Nr. "4"
	5550064	Set 10 x Slidenumbers Nr. "5"
	5550065	Set 10 x Slidenumbers Nr. "6"
	5550066	Set 10 x Slidenumbers Nr. "7"
	5550067	Set 10 x Slidenumbers Nr. "8"
	5550068	Set 10 x Slidenumbers Nr. "9"

Ear Tags



	Ref.	Note
	9002887	ear-tag fdx m+f
	9001520	applicator x ear-tag fdx

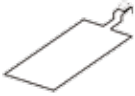
Velos Heat Detection

Velos UHF Heat Detection



	Ref.	Note
	5550327	NicNest box 1
	5550364	vp4102 - uhf reader
	5550240	1.5m cable for uhf antenna
	5550239	antenna uhf 433 mhz
	5550278	long range antenna uhf 433 mhz
	5550279	15m extension cable for uhf antenna
	5550256	antenna support

Velos ISO Heat Detection

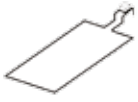
	Ref.	Note
	5550327	NicNest box 1
	5550073	vp1001 fdx
	5559005	walkover antenna set

Velos Feeding

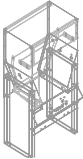
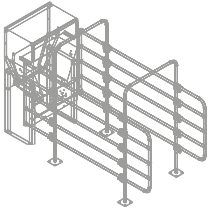
Velos In Parlour Feeding

	Ref.	Note
	1049131	iup 320w 24vdc smps
	5550327	NicNest box 1
	5550209	vp3001 control unit
	5550206	in-parlour feeding 2x50 4id incl.rot
	5680015	pipe feeder 24vdc (1652) 1440mm
	9001723	2 wire cable 0,5mm2 x sens valve

Velos Out Parlour Feeding

	Ref.	Note
	5550327	NicNest box 1
	5550073 5550208 5550209	vp1001 fdx vp1001 fdx+hdx vp3001 control unit
	5550199	out-p feeding 16st. 6types backgate
	5559020	floor antenna set cow feedst
	5550080	vp6011 ear/neck antenna feedstat.
	5550119	feed hopper black
	5550193	cover x feed hopper black
	5550123	feed motor
	5550124	auger flight m8 100gr s/s
	5550339	auger flight m8 50gr s/s
	5550338	auger cup s/s
	5550120	2 x lid 75mm x hole auger
	5550077	partition plate velos 1 feed sort
	5550078	partition plate velos 2 feed sorts



	Ref.	Note
	5750001 5750003	feedstation front galv. feedstation front s/s
	5750004 5750005	feedstation complete galv. feedstation complete s/s
	5750006	backgate texas
	5680011	backgate vertical
	5680025	pipefeeder 1140 mm



Velos Sorting and Routing

Velos Separation Unit

	Ref.	Note
	5550327	NicNest box 1
	5550073 5550208	vp1001 fdx vp1001 fdx+hdv
	5550326	NicNest box 2
	5550342	vp1910 iso dsp reader
	5550201	velos sorting/routing 16units 2/3w
	5559005	walkover antenna set
	5559006	walkthrough antenna set
	5550205	side antenna vp6150 autotune
	5550106	photosensor
	5550265	manual separ. ctrl. unit - velos
	5550204	cable for sep.manual ctrl.unit
	9002327	3 wires cable blue-brown-yel/gr
	9001937 9001940	kit separation unit 2 way kit separation unit 3 way
	9001942	connection bar x separation unit

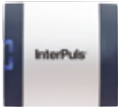
Velos Software Licenses

Velos Software License

	Ref.	Note
	5550194	lic. heat d. 500 cows 4id @ mob
	5550199	out-p feeding 16st. 6types backgate
	5550206	in-parlour feeding 2x50 4id incl.rot
	5550201	velos sorting/routing 16units 2/3w
	5550163	velos module taurus cows

Nedap V-BOXes and Transformers

Nedap V-BOX and Transformers

	Ref.	Note
	5550195	v-box 1 with 2 lights
	5550069	v-box 2 with 2 lights
	5550072	v-box 1 with 1 light
	5550079	transf. vp2001 - 25vdc - 8.0 a
	5550071	transf. vp2002 - 25vdc - 2.5 a

Uniform Agri Software

Uniform Agri Professional Software

	Ref.	Note
	5670001	ua sw prof global-250 cows
	5670005	ua sw exp process pc link

Uniform Agri Additional Modules

	Ref.	Note
	5670010	ua sw exp economy
	5670002	ua sw exp country link
	5670003	ua sw exp pda mobile
	5670004	ua sw exp touch
	5670006	ua sw exp stickreader link
	5670007	ua sw exp multiherd
	5670008	ua sw exp extra database
	5670009	ua sw exp tmr
	5670011	ua sw exp network

Uniform Agri Number of Cows

	Ref.	Note
	5670025	ua sw exp 250/ 499 cows
	5670026	ua sw exp 500/ 749 cows
	5670027	ua sw exp 750/ 999 cows
	5670028	ua sw exp 1000/1499 cows
	5670029	ua sw exp 1500/1999 cows
	5670030	ua sw exp 2000/2499 cows
	5670031	ua sw exp 2500/2999 cows
	5670032	ua sw exp 3000/3999 cows
	5670033	ua sw exp 4000/5000 cows
	5670012	ua sw exp over 5000 cows +1000
	5670064	ua sw web-training hour

Uniform Agri Annual

	Ref.	Note
	5670013	ua annual prof global-250 cows
	5670017	ua annual exp process link
	5670022	ua annual exp economy
	5670014	ua annual exp country link
	5670015	ua annual exp pda mobile
	5670016	ua annual exp touch
	5670018	ua annual exp stickr. link
	5670019	ua annual exp multiherd
	5670020	ua annual exp extra database
	5670021	ua annual exp tmr
	5670023	ua annual exp network
	5670034	ua annual exp 250/ 499 cows
	5670035	ua annual exp 500/ 749 cows
	5670036	ua annual exp 750/ 999 cows
	5670037	ua annual exp 1000/1499 cows
	5670038	ua annual exp 1500/1999 cows
	5670039	ua annual exp 2000/2499 cows
	5670040	ua annual exp 2500/2999 cows
	5670041	ua annual exp 3000/3999 cows
	5670042	ua annual exp 4000/5000 cows
	5670024	ua annual exp over 5000 cows +1000



Top Wash Lite II

Washing Programmer



Protection class IP65

Vi presentiamo l'ultima nata della gamma Top Wash Lite. La lavatrice TWLite II unisce alla semplicità d'installazione e programmazione del pannello Top Wash Lite, le performance delle elettrovalvole di caricamento acqua maggiorate.

We introduce the latest release of the Top Wash Lite range. The washing programmer TWLite II incorporates the smart, user friendly design of the Top Wash Lite and the performance of the over-sized water solenoids.

On va vous introduire la dernière version de la gamme Top Wash Lite. Le programmeur de lavage TWLite II combine le design élégant et simple à utiliser de Top Wash Lite et la performance des solénoïdes pour le chargement de l'eau surdimensionnées.

Представляем новинку гаммы Top Wash Lite. Автомат промывки TWLite II отличается не только простотой в установке и лёгким программированием панели Top Wash Lite, но также повышенной производительностью электроклапанов, отвечающих за подачу воды.

Vantaggi

- ✓ Soluzione competitiva e Plug & Play
- ✓ Massima igiene e sanificazione dell'impianto
- ✓ Facile da programmare
- ✓ Elettronica affidabile e classe di protezione IP65

Benefits

- ✓ Plug & Play, competitive solution
- ✓ Top hygiene and equipment sanitization
- ✓ Easy to program
- ✓ Sturdy electronic and IP65 protection class

Avantages

- ✓ Plug & Play, solution compétitive
- ✓ Hygiène maximale and désinfection des installations de traite
- ✓ Facile à programmer
- ✓ Electronique programmable et classe de protection IP65

Преимущества

- ✓ Plug & Play, конкурентоспособность
- ✓ Максимальная гигиена и санификация доильной системы
- ✓ Легкое программирование
- ✓ Надёжная электроника и класс защиты IP65

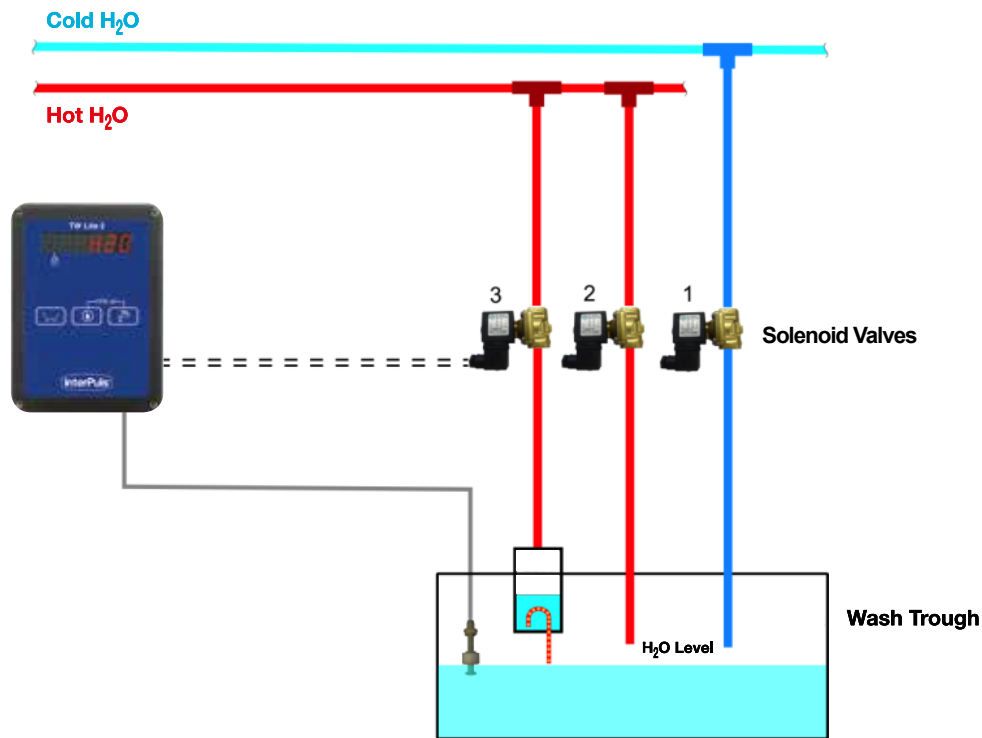
Dati Tecnici

Dimensioni: 130x180x38 mm programmatore;
100x230x100 mm vaschetta S/S
Peso: 6 Kg
Alimentazione: 24 VAC
Consumo elettrico massimo: 2300 mA

Technical Data

Dimensions: 130x180x38 mm programmer;
100x230x100 mm S/S container
Weight: 6 Kg
Power supply: 24 VAC
Maximum power consumption: 2300 mA

Top Wash Lite II	Ref.	Description
	5409034	TW Lite 1 S/S detergent container 1,5 Lts



Spare parts	Ref.	Note
	5409035	TW Lite electronic box
	5400201	TW Lite panel bracket
	5400304	Solenoid valve 1/2" - 24 VAC (max capacity 45 l/min)
	5400037	Drain Valve 24 VAC
	4600250 4600592	S/S container - 1,5 L S/S container - 2 L



Top Wash III - New Software 3.3

Washing Programmer



Il nuovo software 3.3 rende Top Wash più versatile, performante ed adattabile a qualsiasi impianto di mungitura.

The new software 3.3 makes it more versatile, performing and adaptable to every milking installation.

Le nouveau software 3.3 rend Top Wash plus versatile, performante et adaptable à tous les installations de traite.

Благодаря новой версии программного обеспечения 3.3 моечный автомат Top Wash более универсален и применим к любой доильной установке.

Caratteristiche

- ✓ Facile da installare e programmare
- ✓ Memorizza fino a 4 programmi di lavaggio
- ✓ Fino a 10 cicli di lavaggio per programma

Features

- ✓ Easy to install and to program
- ✓ Up to 4 washing programs
- ✓ Up to 10 washing cycles per each program

Caractéristiques

- ✓ Facile à installer et programmer
- ✓ Mémorise jusqu'à 4 programmes de lavage
- ✓ Jusqu'à 10 cycles de lavage pour chacun programme

Характеристики

- ✓ Простота в установке и программировании
- ✓ Запоминает до 4-х моечных программ
- ✓ Каждая программа выполняет до 10-и моечных циклов

Nuove Funzioni

- ✓ **Extra Water** – aggiunge acqua nella vaschetta se necessario
- ✓ **Pre-Drain** – scarica l'acqua sporca evitando di mandarla in ricircolo
- ✓ **Sanivac / Air Injector** – funzioni separate con possibilità di ritardo
- ✓ **Water Stop** – blocco aspirazione acqua nell'impianto
- ✓ **Temperature 3** – Riscaldamento acqua se necessario + controllo livello minimo
- ✓ **Safety Switch** – sicurezza mungitura/lavaggio

New Functions

- ✓ **Extra Water** – adds water in the container if necessary
- ✓ **Pre-Drain** – releases dirty water so avoiding to send it recirculating
- ✓ **Sanivac / Air Injector** – separate functions with delay possibility
- ✓ **Water Stop** – water suction blocking in the installation
- ✓ **Temperature 3** – water heating if necessary + minimum level control
- ✓ **Safety Switch** – milking/washing safety

Nouvelles Fonctions

- ✓ **Extra Water** – ajoute de l'eau dans le cuve si nécessaire
- ✓ **Pre-Drain** – décharge l'eau sale en évitant de l'envoyer à recirculation
- ✓ **Sanivac / Air Injector** – fonctions séparées avec possibilité du délai
- ✓ **Water Stop** – bloque l'aspiration de l'eau dans l'installation
- ✓ **Temperature 3** – chauffage de l'eau si nécessaire + contrôle du niveau minimum
- ✓ **Safety Switch** – sûreté traite / lavage

Новый Функционируют

- ✓ **Extra Water** – добавляет при необходимости воду в моечную ванночку
- ✓ **Pre-Drain** – сливает грязную воду во избежание ее повторного использования
- ✓ **Sanivac / Air Injector** – функционируют отдельно, предусмотрена возможность задержки пуска
- ✓ **Water Stop** – блокирует попадание воды в доильное устройство
- ✓ **Temperature 3** – подогревает при необходимости воду и контролирует ее минимальный уровень
- ✓ **Safety Switch** – отключает в целях безопасности процесс доения или мойки

Allarmi

- ✓ Vuoto – aspirazione acqua lenta
- ✓ Acqua – caricamento vasca lento
- ✓ Riscaldamento – lento riscaldamento acqua
- ✓ Temperatura – acqua non abbastanza calda

Alarms

- ✓ Vacuum – slow water suction
- ✓ Water – slow container upload
- ✓ Heating – slow water heating
- ✓ Temperature – water not sufficiently heated

Alarmes

- ✓ Vide – aspiration lente de l'eau
- ✓ Eau – lent chargement de l'eau
- ✓ Chauffage – lent chauffage de l'eau
- ✓ Température – eau pas assez chaude

Сигналы тревоги

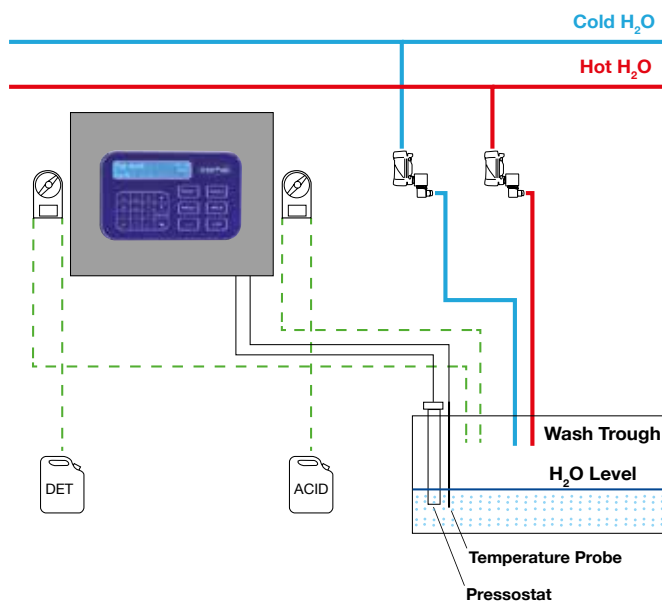
- ✓ Вакуум – слишком медленное вкачивание воды
- ✓ Воды – слишком медленный приток воды в моечную ванночку
- ✓ Отопление – слишком медленный подогрев воды
- ✓ Температура – недостаточно горячая вода

Dati Tecnici

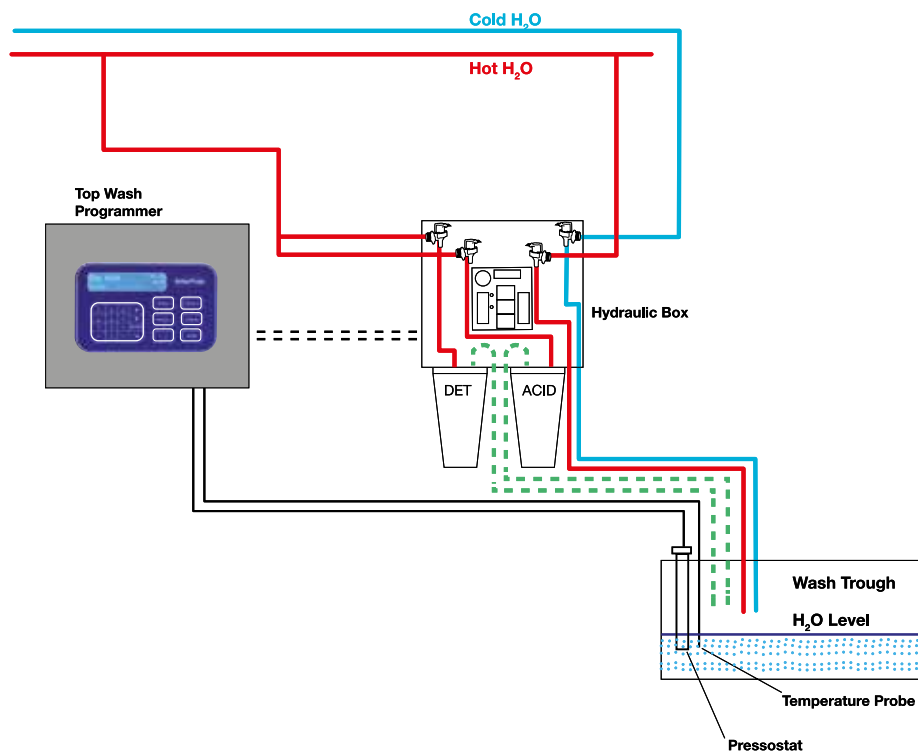
Pressione massima dell'acqua in ingresso: 10 atm
Alimentazione: 24 VAC (2300 mA)
Peso: 8 Kg
Dimensioni: 300x175x240 mm

Technical Data

Maximum pressure of inlet water: 10 atm
Power supply: 24 VAC (2300 mA)
Weight: 8 Kg
Dimensions: 300x175x240 mm



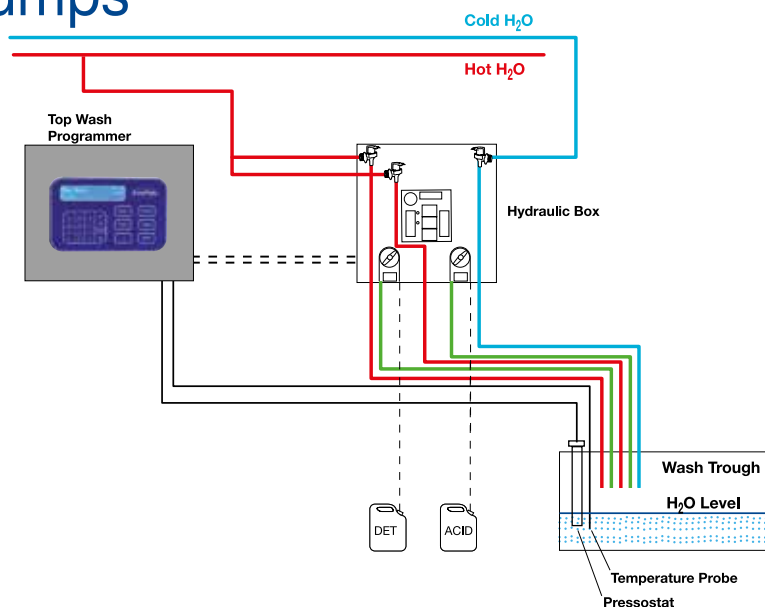
Top Wash III HD	Ref.	Note
	5409029	2 Peristaltic pumps
	5409033	3 Peristaltic pumps
	5400264	Set 2 x Solenoid valve 1" - 24 VAC (max capacity 190 l/min)
	1049134	IUT - 24 VAC 115 VAC @50/60 Hz 220 VA - 8 A
	9001252	TW Lite Safety Switch



Top Wash	Ref.	Description
	5409013	Top Wash III - 2 Peristaltic pumps
	5409014	Top Wash III - 3 Peristaltic pumps
Remote Control Switches box	Ref.	Description
	9001563	Box up to 4 remote control switches

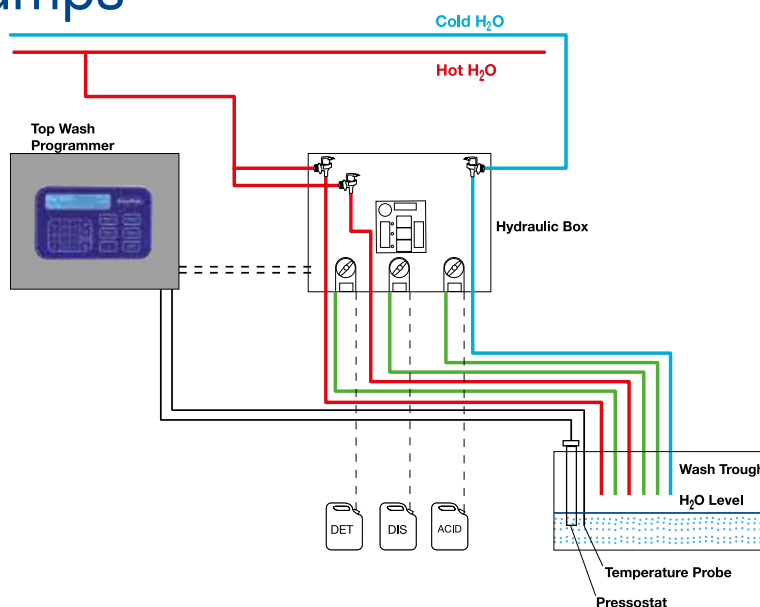
TWIII with 2 peristaltic pumps

Hydraulic Set-up



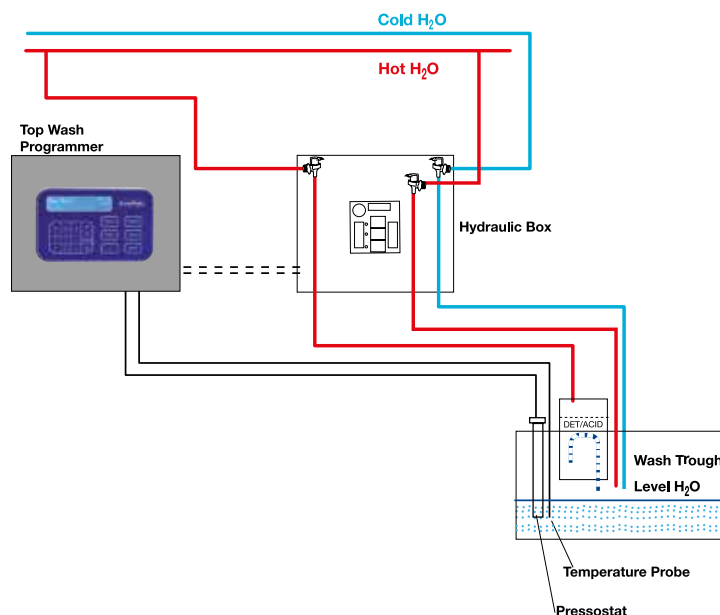
TWIII with 3 peristaltic pumps

Hydraulic Set-up



TWIII with 1 S/S container

Hydraulic Set-up



Top Wash III

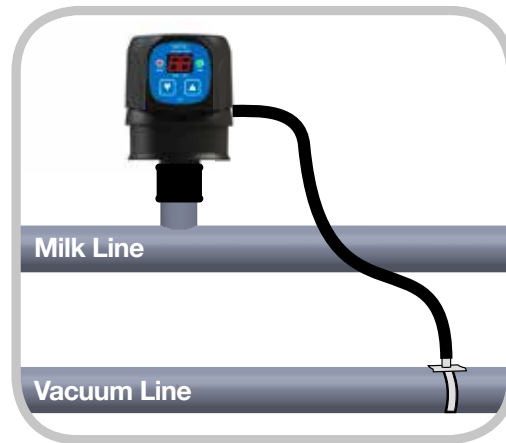
Spare Parts

Spare parts	Ref.	Note
	5400220	TWIII PCB
	5400079	TWIII keyboard
	5400264*	Set 2 x Solenoid valve 1"-24 VAC (max capacity 190 l/min)
	5400110	3/4" STD solenoid valve 24 VAC (max capacity 20 l/min)
	5400080	Temperature probe
	5400111	Peristaltic pump 24 VDC (max capacity 0,8 l/min)
	5400212	Tube for peristaltic pump
	5400218	TWIII S/S electronic box
	5400163	TWIII S/S peristaltic box - 2 pumps
	5400182	TWIII S/S peristaltic box - 3 pumps
	5400037	Drain Valve 24 VAC

*Special item available on demand.

Turbo Wash 4000 & 4000 P

Air Injector



Vantaggi

- ✓ Lavaggio e sanificazione efficace dell'impianto
- ✓ Alte prestazioni, fino a 4000 l/min. di portata
- ✓ Bassi consumi elettrici
- ✓ Elettronica affidabile ed programmazione intuitiva
- ✓ Facile da installare ed esente da manutenzione

Benefits

- ✓ Effective cleaning and sanitization of the system
- ✓ High performance, up to 4000 l/min of air capacity
- ✓ Low energy consumption
- ✓ Reliable electronic and easy to program
- ✓ Easy to install, service-free

Avantages

- ✓ Lavage et nettoyage efficace de l'installation
- ✓ Haute performances, jusqu'à 4000 l/min. capacité
- ✓ Faible consommation d'énergie
- ✓ Electronique fiable et programmation intuitive
- ✓ Facile à installer et sans entretien

Преимущества

- ✓ Эффективная промывка и санификация доильной системы
- ✓ Высокая производительность, объем до 4000 л/мин
- ✓ Низкие электрорасходы
- ✓ Надёжная электроника и лёгкое программирование
- ✓ Простая установка и не требует особого обслуживания

Dati Tecnici

Alimentazione: 24 V DC/AC
 Diametro tubo fissaggio: 40 mm
 Dimensioni: 130x150x130 mm
 Peso: 670 g
 Consumo: 130 mA

Technical Data

Power supply: 24 V DC/AC
 Diameter of fixing pipe: 40 mm
 Dimensions: 130x150x130 mm
 Weight: 670 g
 Consumption: 130 mA

Turbo Wash	Ref.	Description
	5079001	TurboWash 4000 P - 24V AC/DC programmable version (with PCB)
	1049122	IT01 Power Unit 230 VAC @50/60 Hz
	5079002	TurboWash 4000 - 24V AC/DC Top Wash version (without PCB)
	3410026	Rubber adapter D.38 mm



ITP 203-205-207

Sheep & Goats, Claws & System



✓ Patented

Dopo anni di ricerche ed esperienze fatte al fianco degli allevatori, InterPuls presenta una nuova e più performante serie di componenti per la corretta mungitura dei piccoli ruminanti.

After many years of research and development in close cooperation with animal breeders, InterPuls is pleased to present its new range of high performance components for the efficient milking of small ruminants.

Après des années de recherche et d'expérience aux côtés des éleveurs, InterPuls présente une nouvelle série de composants, plus performants, pour traire correctement les ruminants de petite taille.

На протяжении многих лет совместно с животноводами проводились исследования в результате ИнтерПулс может представить новую серию компонентов для правильного доения маленьких жвачных животных.



ITP 203 Alternate

ITP 203 Simultaneous

Dati Tecnici ITP203

Capacità: 120 cc
Peso: 170 g
Tubi entrata latte: 14x10 mm
Tubi uscita latte: 18x14 mm
Tubi ingresso aria: 10x7,5 mm
Tubi uscita aria: 10x7,5 mm
Dimensioni: 122x66x163 mm

ITP203 Technical Data

Capacity: 120 cc
Weight: 170 g
Milk inlet tube: 14x10 mm
Milk outlet tube: 18x14 mm
Puls. tube (long): 10x7,5 mm
Puls. tube (short): 10x7,5 mm
Dimensions: 122x66x163 mm

Dati Tecnici ITP205/207

Capacità: 20 cc
Peso: 30 g
Tubi entrata latte: 14x10 mm
Tubi uscita latte: 14x10 mm
Dimensioni: 97x40x79 mm

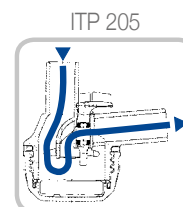
ITP205/207 Technical Data

Capacity: 20 cc
Weight: 30 g
Milk inlet tube: 14x10 mm
Milk outlet tube: 14x10 mm
Dimensions: 97x40x79 mm

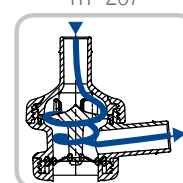


ITP 205

ITP 207



ITP 205



ITP 207

Classic

Pos.	Ref.	Note
003	2040011	
008	2020021	
013	2000081	Goats D.20
014	2000076	Goats
015	2000069	Sheep D.18,5
016	2000077	Sheep
017	2050019	
018	2050021	ITP205
019	2050018	
020	2040005	
021	2000003	ITP205
022	2040004	
023	2040002	
028	2000075	Sheep D.17
029	2000007	
030	2000038	
031	2020009	

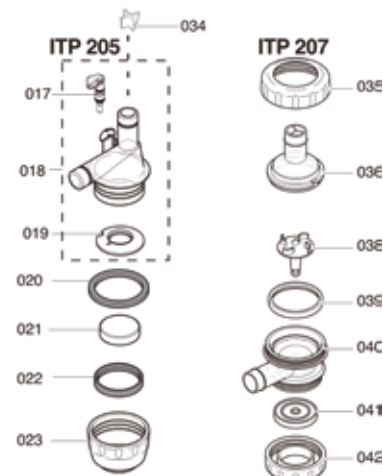
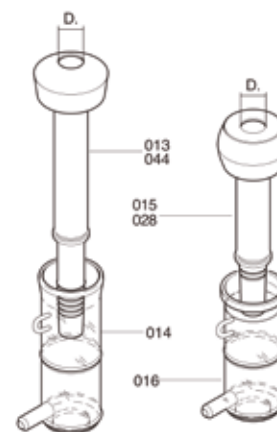
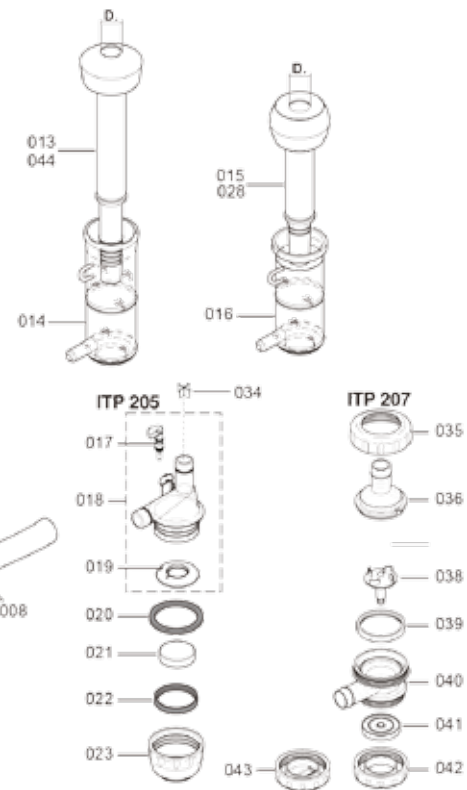
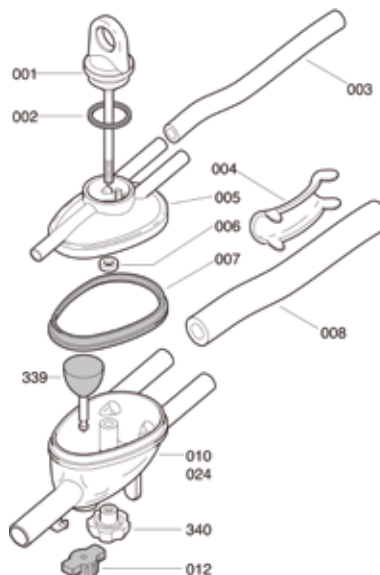
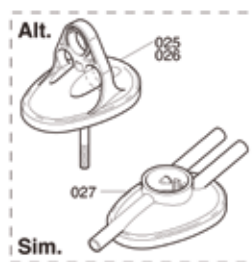
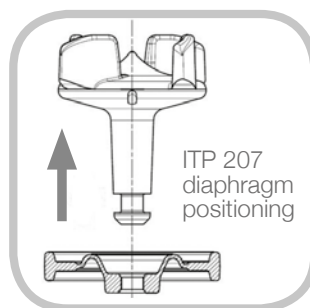
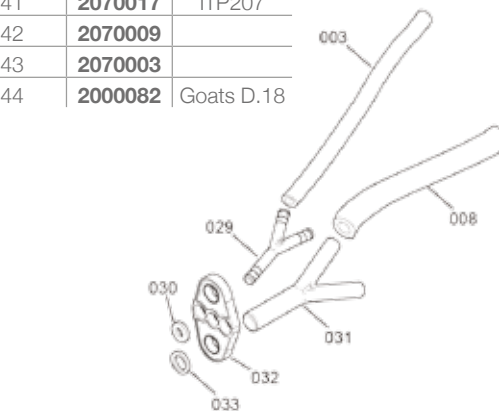
Top 30 pag. 6-7

Vanguard

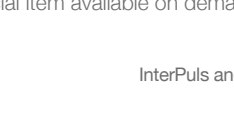
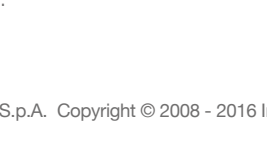
Pos.	Ref.	Note
001	2030003	
002	2030036	
003	2040011	
004	2030018	
005	2030029	Not vented
006	2030027	
007	2030005	
008	2020021	
010	2030030	Valve
012	2030006	
013	2000081	Goats D.20
014	2000076	Goats
015	2000069	Sheep D.18,5
016	2000077	Sheep
017	2050019	
018	2050021	
019	2050018	
020	2040005	
021	2000003	
022	2040004	
023	2040002	
024	2030031	w/o valve
025	2030034	Not vented
026	2030035	Vented
027	2030032	Vented
028	2000075	Sheep D.17
034	2060068	
035	2070005	ITP207
036	2070013	ITP207
038	2070004	
039	2070007	ITP207
040	2070001	ITP207
041	2070017	ITP207
042	2070009	
044	2000082	
339	2030038	
340	2030023	

Top 30 pag. 6-7

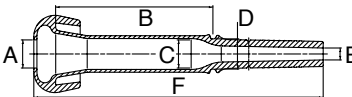
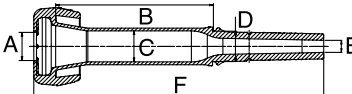
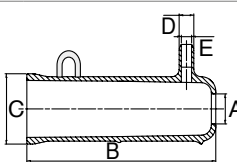
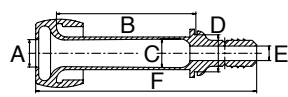
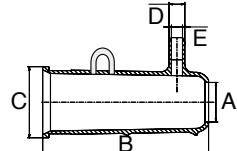
Pos.	Ref.	Note
032	2040010	
033	2000037	
034	2060068	
035	2070005	ITP207
036	2070013	ITP207
038	2070004	
039	2070007	ITP207
040	2070001	ITP207
041	2070017	ITP207
042	2070009	
043	2070003	
044	2000082	Goats D.18



ITP 203	Ref.	ITP 203	Ref.
Sim. 	With vent 2039006 - With Shut-off 2039051* - With Shut-off - PSU	Alt. 	With vent 2039018 - With Shut-off 2039057* - With Shut-off - PSU
	Without vent 2039005 - With Shut-off 2039049 - With Shut-off - PSU		Without vent 2039017 - With Shut-off 2039059* - With Shut-off - PSU
Sim. 	With vent 2039008* - Without Shut-off 2039053* - Without Shut-off - PSU	Alt. 	Without vent 2039029 - With Shut-off
	Without vent 2039012* - Without Shut-off 2039055* - Without Shut-off - PSU		
ITP 207	Ref.	ITP 205	Ref.
	Top 30 2079016 Automatic without spring Normally closed Top 30 pag. 6-7		Top 30 2059016 Semi-Automatic Normally open Top 30 pag. 6-7

Classic for Goats	Ref.	Classic for Sheep	Ref.
	2059012 ITP205		2059013 ITP205
Vanguard for Goats	Ref.	Vanguard for Sheep	Ref.
Sim. 	2039032 ITP205		2039033 ITP205
	2039034 ITP205 Without Shut-off valve		
Sim. 		Sim. 	
Alt. 	2039035 ITP205		2039036 ITP205
Alt. 	2039037 ITP205 Without Shut-off valve		
Alt. 		Alt. 	

*Special item available on demand.

Classic for Goats	Ref.	Classic for Sheep	Ref.																												
	2079003 ITP207		2079004 ITP207 2079011 with sheep liner D. 17 Ref. liner 2000075																												
Vanguard for Goats	Ref.	Vanguard for Sheep	Ref.																												
 Sim.	2039038 ITP207	 Sim.	2039039 ITP207																												
 Sim.	2039040 ITP207 Without Shut-off valve																														
 Alt.	2039041 ITP207																														
 Alt.	2039043 ITP207 Without Shut-off valve	 Alt.	2039042 ITP207																												
Goats Liner & TCS	Ref.	Note																													
 Rounded head	2000082* - D. 18 2000081 - D. 20		<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td>Goats</td><td>18</td><td>112</td><td>20</td><td>21,5</td><td>8,5</td><td>206</td></tr><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td>Goats</td><td>20</td><td>112</td><td>20</td><td>21,5</td><td>8,5</td><td>206</td></tr></table>		A	B	C	D	E	F	Goats	18	112	20	21,5	8,5	206		A	B	C	D	E	F	Goats	20	112	20	21,5	8,5	206
	A	B	C	D	E	F																									
Goats	18	112	20	21,5	8,5	206																									
	A	B	C	D	E	F																									
Goats	20	112	20	21,5	8,5	206																									
 Flat head	2000083		<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td>Goats</td><td>20</td><td>112</td><td>22</td><td>20</td><td>8,5</td><td>206</td></tr></table>		A	B	C	D	E	F	Goats	20	112	22	20	8,5	206														
	A	B	C	D	E	F																									
Goats	20	112	22	20	8,5	206																									
	2000076		<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td></tr><tr><td>Goats</td><td>20,5</td><td>129</td><td>48</td><td>10</td><td>7</td></tr></table>		A	B	C	D	E	Goats	20,5	129	48	10	7																
	A	B	C	D	E																										
Goats	20,5	129	48	10	7																										
Sheep Liner & TCS	Ref.	Note																													
	2000075* - D. 17 2000069 - D. 18,5		<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td>Sheep</td><td>17</td><td>94</td><td>19,3</td><td>25</td><td>9,8</td><td>149</td></tr><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td>Sheep</td><td>18,5</td><td>94</td><td>19,3</td><td>25</td><td>9,8</td><td>149</td></tr></table>		A	B	C	D	E	F	Sheep	17	94	19,3	25	9,8	149		A	B	C	D	E	F	Sheep	18,5	94	19,3	25	9,8	149
	A	B	C	D	E	F																									
Sheep	17	94	19,3	25	9,8	149																									
	A	B	C	D	E	F																									
Sheep	18,5	94	19,3	25	9,8	149																									
	2000077		<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td></tr><tr><td>Sheep</td><td>25</td><td>105</td><td>45</td><td>10</td><td>7</td></tr></table>		A	B	C	D	E	Sheep	25	105	45	10	7																
	A	B	C	D	E																										
Sheep	25	105	45	10	7																										

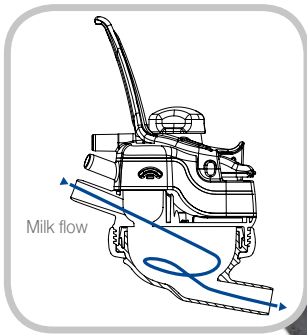
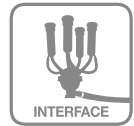
*Special item available on demand.

Indicative dimensions in mm.

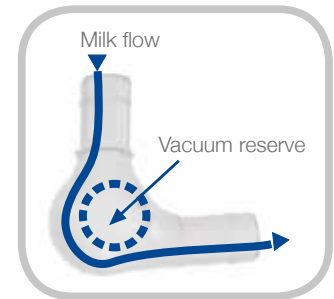
Accessories	Ref.	Note
Gruppo studiato per evitare la strozzatura del capezzolo  Cluster studied to prevent the teat blocking. 	2030018	Divaricatore Teat cup positioner Positionneur du faisceau Расширитель
	1900001	Posizionatore a stella Cluster positioner Positionneur du faisceau Установочное устройство для доильного аппарата
	9000278	Saliscendi Up & down hanger Tourniquet réglable Подвесной кронштейн
	Top 30 2060078 With vent for ITP206 Top 30 2060079 Without vent Top 30 pag. 6-7	
A  B 	A 9000065 Sheep B 9000152 Goats	Coppetta di lavaggio Jetter Jetter cup Емкость для промывки
	9000074	Deviazione a 4 vie con foro Distributor with vent Distributeur eau avec entré air Отвод на 4 стороны с отверстием
	9000283	Deviazione a 4 vie Distributor Distributeur eau Отвод на 4 стороны
	2000007	Deviazione aria Air distributor Distributeur d'air Воздухоотвод
	2020023	Con foro aria With vent Avec entrée d'air С отверстием для воздуха
	2020009	Senza foro aria W/o vent Sans entrée d'air Без отверстия для воздуха

ITP 206

Sheep & Goats ACR claw



✓ Milk Bend



✓ HFS for ITP 206



✓ Patented

L'automazione è un'esigenza in costante crescita, anche nella mungitura dei piccoli ruminanti. Per questo InterPuls ha ideato il nuovo collettore Capre & Pecore ITP206.

There is a constantly growing need for automation: this also applies to the milking process of small ruminants. For this reason InterPuls has devised the new collector for Goats and Sheep ITP206.

L'automatisme est une nécessité de plus en plus présente, y compris pour la traite des petits ruminants. À cet effet, InterPuls propose son nouveau collecteur Chèvres et Brebis ITP206.

Автоматизация дольного процесса – это потребность, которая постоянно растет также при доении маленьких жвачных животных. ИнтерПульс создал новый коллектор для доения коз и овец ITP206.

Vantaggi

- ✓ Elevata stabilità del vuoto
- ✓ Elevata capacità di evacuazione del flusso del latte
- ✓ Valvole «normalmente chiuse» - perdite alla partenza nulle
- ✓ Principio di funzionamento a valvole indipendenti
- ✓ Leggero ed ergonomico
- ✓ Facile da pulire e da ispezionare

Benefits

- ✓ High vacuum stability
- ✓ High evacuation capacity of the milk flow
- ✓ Valves which are «normally closed» - zero leakages from the start of the milking process
- ✓ Operating principle based on separate valves
- ✓ Lightweight, ergonomic design
- ✓ Easy to clean and inspect

Avantages

- ✓ Grande stabilité du vide
- ✓ Grande efficacité d'évacuation du lait
- ✓ Vannes «normalement fermées» - chute de vide inexistante au départ
- ✓ Principe de fonctionnement à vannes indépendantes
- ✓ Légèreté et ergonomie
- ✓ Facilité de nettoyage et de contrôle

Преимущества

- ✓ Высокая стабильность вакуума
- ✓ Высокая способность слива молока
- ✓ Клапаны «Естественно закрыты» нет потерь вакуума на старте
- ✓ Принцип функционирования при помощи независимых клапанов
- ✓ Легкий и эргономичный
- ✓ Легко очистить и проверить

Dati Tecnici

Capacità: 120 cc
 Peso: 240 g
 Tubi entrata latte: 14x10 mm
 Tubi uscita latte: 18x14 mm
 Tubi di pulsazione: 10x7,5 mm
 Dimensioni versione linea alta: 111x100x173 mm
 Dimensioni versione linea bassa: 111x100x196 mm

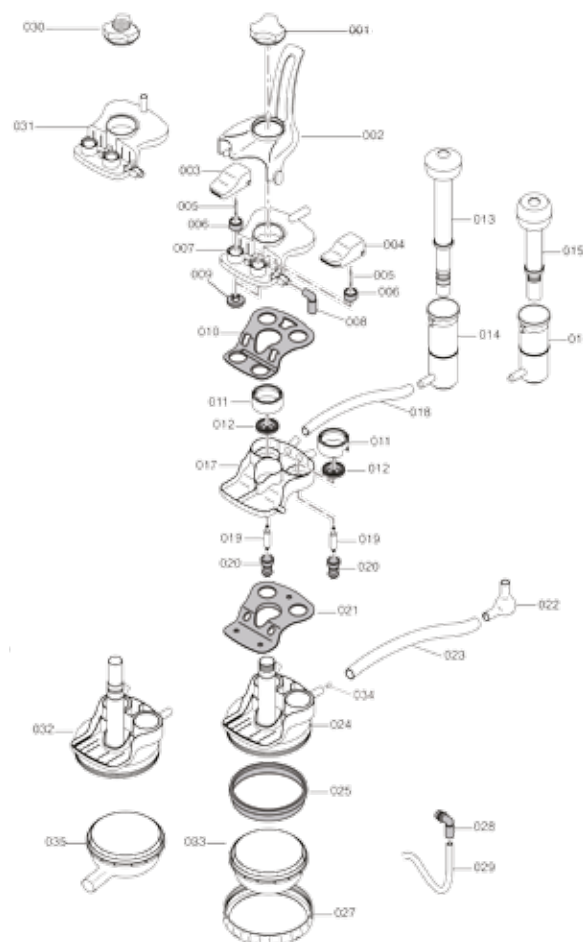
Technical Data

Capacity: 120 cc
 Weight: 240 g
 Milk inlet tubes: 14x10 mm
 Milk outlet tubes: 18x14 mm
 Pulsation tubes: 10x7,5 mm
 Dimensions high-line version: 111x100x173 mm
 Dimensions low-line version: 111x100x196 mm

Pos.	Ref.	Note
001	2060025	Low Line
002	2060111	
003	2060021	
004	2060020	
005	2060019	
006	2060022	
007	2060036	Low Line
008	2060048	
009	2060018	
010	2060015	
011	2060014	
012	2060097	
013	2000081	Goat D.20
014	2000076	Goat
015	2000069	Sheep D.19
016	2000077	Sheep
017	2060008	

Pos.	Ref.	Note
018	2060055	
019	2060058	
020	2060109	
021	2060007	
Top 30 022	2060060	
023	2060054	
024	2060089	Low Line
025	2060004	
027	2060096	
028	2060049	
029	2060038	
030	2060024	High Line
031	2060016	High Line
032	2060088	High Line
033	2060001	High Line
034	2060068	
035	2060080	Low Line 10°

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ITP 206 High Line	Ref.	ITP 206 Low Line 10°	Ref.
	2069042 Sim. not vented		2069028 Sim. not vented
Plastic Bend	Ref.	Plastic Bend	Ref.
	Top 30 2060078 Vented for ITP206 Top 30 pag. 6-7		Top 30 2060079 not Vented Top 30 pag. 6-7
ITP 206 Cluster for Goats	Ref.	ITP 206 Cluster for Sheep	Ref.
	2069056 High Line Sim.		2069057 High Line Sim.
	2069036 Low Line 10° Sim.		2069037 Low Line 10° Sim.
HFS for ITP 206	Ref.	Description	
	5519018	2,5 mt cable	

*Special item available on demand.

Optiflow III Sheep & Goats

Washing System



✓ Patented

Frutto della grande esperienza acquisita nel settore dei piccoli ruminanti InterPuls presenta il nuovo sistema di lavaggio Optiflow III Sheep & Goats.

InterPuls presents the new washing unit Optiflow III Sheep & Goats, the result of many years' experience earned in the small ruminants sector.

Fruit de sa grande expérience obtenue dans le secteur des petits ruminants, InterPuls présente son nouveau système de lavage Optiflow III Sheep & Goats.

Благодаря опыту приобретенному в сфере доедания маленьких жвачных животных ИнтерПулс разработал новую систему промывки Optiflow III Овцы & Козы.

Vantaggi

- ✓ Azione di lavaggio migliorata grazie al flusso rotazionale
- ✓ Fissaggio diretto sul tubo - riduzione ingombri
- ✓ Disponibile nella versione con coppette o con clamp
- ✓ Disponibile per linee lavaggio 40, 50.8 e 52 mm

Benefits

- ✓ Improved washing action thanks to the rotational flow
- ✓ Directly fixed to the pipe - more compact
- ✓ Available in two versions, with jetter cups or clamp
- ✓ Available for 40, 50.8 and 52 mm wash lines

Avantages

- ✓ Action de lavage améliorée grâce au flux de rotation
- ✓ Fixation directe sur la canalisation - réduction de l'encombrement
- ✓ Disponible dans la version avec coupelles ou avec étriers
- ✓ Disponible pour les lignes de lavage 40, 50.8 et 52 mm

Преимущества

- ✓ Процесс промывки улучшен благодаря вихревому течению воды
- ✓ Прямое крепление к трубе - уменьшение габаритных размеров
- ✓ Имеется в наличии с зажимами или с колпачками
- ✓ Имеется в наличии для следующих линий промывки 40, 50.8 и 52 мм

Dati Tecnici

Optiflow III S&G con clamp

Peso: 250 g
Dimensioni: 200x180x80 mm
Tubi ingresso acqua ODxID: 15,5x12 mm
D. clamps: 44,5 mm

Optiflow III S&G con coppette

Peso: 220 g
Dimensioni: 190x130x60 mm
Tubi ingresso acqua ODxID: 15,5x12 mm
D. coppette pecore ODxID: 60x49 mm
D. coppette capre ODxID: 66,5x56 mm

Technical Data

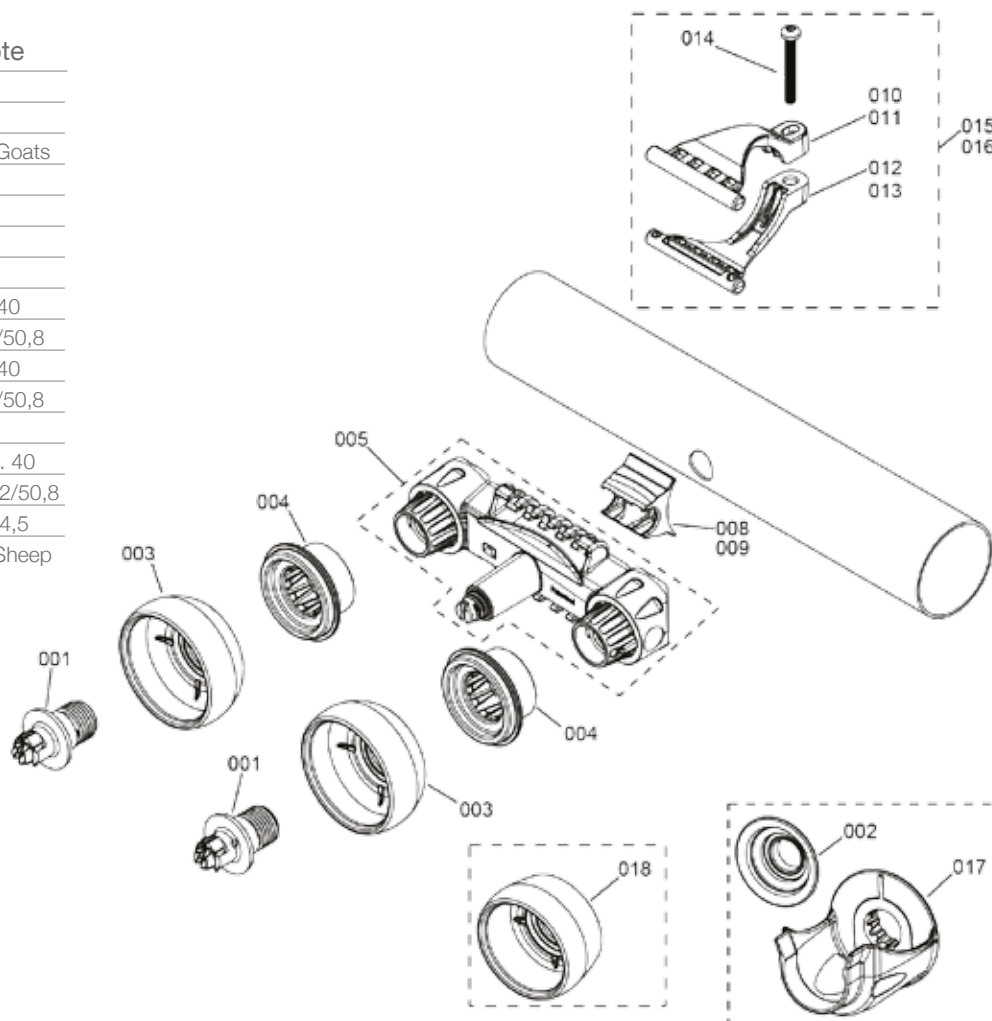
Optiflow III S&G with clamp

Weight: 250 g
Dimensions: 200x180x80 mm
Water inlet tubes ODxID: 15,5x12 mm
D. clamps: 44,5 mm

Optiflow III S&G with jetter cups

Weight: 220 g
Dimensions: 190x130x60 mm
Water inlet tubes ODxID: 15,5x12 mm
D. sheep cups ODxID: 60x49 mm
D. goat cups ODxID: 66,5x56 mm

Pos.	Ref.	Note
001	5310005	
002	5310012	
003	5310007	ID 56 Goats
004	5310004	
005	5310038	
008	5310002	
009	5310010	
010	5310022	D. 40
011	5310025	D. 52/50,8
012	5310023	D. 40
013	5310026	D. 52/50,8
014	5310032	
015	5310030	Kit D. 40
016	5310031	Kit D. 52/50,8
017	5310011	D. 44,5
018	5310006	ID 49 Sheep



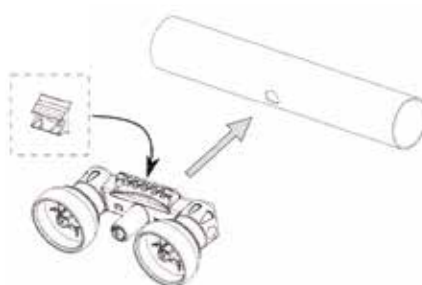
	Ref.	Note
	5319005 5319006	Optiflow III Sheep & Goats Clamp - Pipe D. 40 Optiflow III Sheep & Goats Clamp - Pipe D. 52/50,8
	5319001 5319002 5319003 5319004	Optiflow III Goats Jetter Cup - Pipe D. 40 Optiflow III Goats Jetter Cup - Pipe D. 52/50,8 Optiflow III Sheep Jetter Cup - Pipe D. 40 Optiflow III Sheep Jetter Cup - Pipe D. 52/50,8

3 Step Mounting

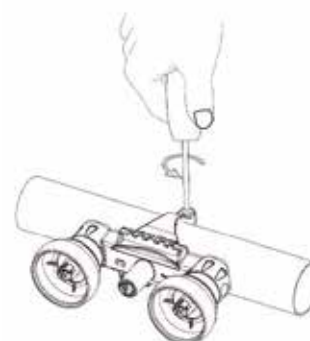
1 Drill the hole



2 Place the Optiflow



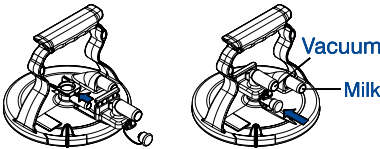
3 Fix the screw



Libero 14 & 16

Clear Lid



Libero 14-16	Ref.	Note
 Adaptable to 142 mm bucket's handle	3100001	LIBERO 14
	3100002	LIBERO 16
		 OD19-ID14  OD21-ID16
Libero 16 By Pass	Ref.	Note
 Adaptable to 142 mm bucket's handle	3100014	
Accessories	Ref.	Note
	Top 30 pag. 6-7	3100054
		Gasket D. 205 mm
	3100006	Hook
	3100062	By-Pass TB 16
	2800285	Rubber Adaptor Seat
	2800046	Shut-Off Plug



Clear Lids



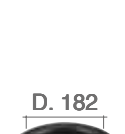
✓ Check valve housing



✓ Check valve



✓ Check valve assembly

ITP 30	Ref.	Note	Gasket	Ref.
	3100056 3100055 3100066	2 TB 19x14 2 TB 21x16 1 TB 21x16 + 1 TB 19x14	 D. 169,2 D. 205	Top 30 3100054
	3100058 3100059	3 TB 19x14 3 TB 21x16 -Per 1-2 gruppi mungitori su secchi da 25-30 L -For buckets 25-30 L for 1-2 milking units -Pour pot 25-30 L pour 1-2 faisceaux trayeurs -Для 1-2 доильной группы для доения в ведро 25-30 л	 D. 172 D. 205	Top 30 pag. 6-7
	3000018 3000019 3000020	2 TB 17x12 2 TB 21x16 1 TB 17x12 + 1 TB 21x16	 D. 182 D. 240	3000017
ITP 40	Ref.	Note	Gasket	Ref.
	3000010 3000025	3 TB 17x12 3 TB 21x16 -Per 1-2 gruppi mungitori su secchi da 25-30 L -For buckets 25-30 L for 1-2 milking units -Pour pot 25-30 L pour 1-2 faisceaux trayeurs -Для 1-2 доильной группы для доения в ведро 25-30 л	 D. 182 D. 240	3000015
ITP 50	Ref.	Note	Gasket	Ref.
	3000011 3000024	2 TB 17x12 2 TB 21x16 -Per 1-2 gruppi mungitori su secchi da 25-30 L -For buckets 25-30 L for 1-2 milking units -Pour pot 25-30 L pour 1-2 faisceaux trayeurs -Для 1-2 доильной группы для доения в ведро 25-30 л	 D. 182 D. 240	3000015

 **100%**
Recyclable Polymer

Ecobucket

23 & 30 L



Vantaggi

Benefits

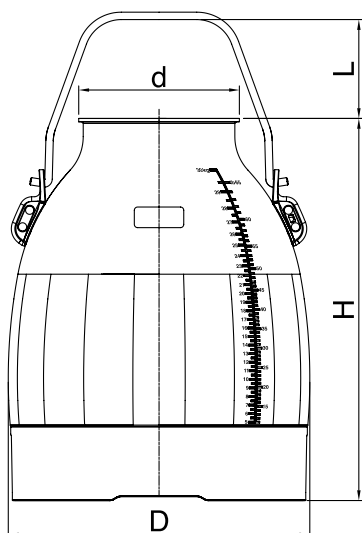
Avantages

Преимущества

- ✓ Costruito con tecnologia all'avanguardia e composto da polimeri 100% riciclabili
- ✓ Materiale traslucido semi-trasparente
- ✓ Scala graduata permanente in kg e in lb
- ✓ Facile da pulire grazie alla superficie interna liscia
- ✓ Stampato in un unico pezzo, senza saldature tra il bordo del fondo e il corpo del bidone
- ✓ Built with advanced technology and composed by 100% recyclable polymers
- ✓ Semi-transparent translucent material
- ✓ Milk level is easily seen on the permanent graduated scale in kg & lb
- ✓ Easy to clean, thanks to the internal smooth surface
- ✓ Moulded in 1 piece, seamless between the bottom rim and the bucket body

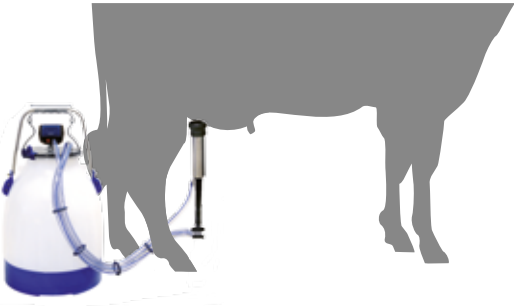
- ✓ Construit avec technologie avancée et composé par 100% recyclables polymères
- ✓ Matériau translucide semi-transparent
- ✓ L'échelle graduée permanente en kg et en lb facilite la lecture du niveau du lait
- ✓ Facilité de nettoyage excellente grâce à la face intérieure lisse
- ✓ Moulé en une seule pièce, sans aucune soudure entre le bord inférieur et le corps du pot trayeur

- ✓ Произведено с передовой технологией и состоит из полимеров подлежащих 100% повторного использования
- ✓ Полимер утвержденный FDA
- ✓ Матовый, полупрозрачный материал
- ✓ Шкала в литрах и килограммах
- ✓ Легко очистить благодаря гладкой внутренней поверхности
- ✓ Отштампован одним цельным элементом без сварных швов между дном и корпусом бидона



Capacity	H	d	D	L (STD)	Weight
30 L	464	195	366	145	3 kg
23 L	390	195	366	145	2,8 kg



Ecobucket 30 L	Ref.	Set Ecobucket 30 L	Ref.
	2619001 145 mm STD Handle		2619013 Set 12 x Ecobucket 30 L Standard Handle
Ecobucket 23 L	Ref.	Set Ecobucket 23 L	Ref.
	2619006 145 mm STD Handle		2619017 Set 12 x Ecobucket 23 L Standard Handle
Accessories	Ref.	Libero by-pass kit	Ref.
	2610031 Side Ear Kit		3100064*
	2610073 Bottom Part Only		* Ecobucket not included.
Quarter Milker kits	Ref.	Note	
	3100075* 3100077*	Quarter Milker kit - L02 Air + ITP205 Quarter Milker kit - L80 + ITP205	
	* Ecobucket not included.		



ITALIA

Portable Milking Machine



InterPuls launches a new concept of “entry level”. The sinuous shape, the ergonomic design, the innovative and recyclable materials together with an advanced production technology make the ITALIA portable system a new landmark that only the “Milking component specialist” could mark. 170ITALIA & 220ITALIA grant sturdiness and reliability in every condition, ergonomics in order to answer to the farmer’s need and a sophisticated design to distinguish themselves!

Ref.	Note
6009028	170ITALIA 110V @60 Hz US Plug - 1 cow



Benefits



Portable Milking Machine

Ideal for low cows and buffaloes



PMM 170

Ref.	Description	Model	V	Hz
6019085	PMM 1 Bucket - US Plug	1 Cow	110	60

Set up:

Pulsator	1 x L02 S/S cover 60/40
Cluster	1 x Lunik200 + IPL01 Liners
Bucket	1 x Ecobucket 30L
Vacuum Pump	1 x EPV170 dry

Tagliafieno LH22



Tagliafieno LH22 is the ideal solution for cutting hay bales and silage. Robust and easy-to-handle permits noise-free work, without dust and vibrations. The blades are designed to ensure precise cut, thanks to the optimal penetration, even in case of hard forage. It's advisable to oscillate the blades during the use, in order to benefit of the whole cutting width.



Tagliafieno LH22

Ref.	Note
6209003	Tagliafieno 110V @60Hz
9002523	Cable reel 10 mt

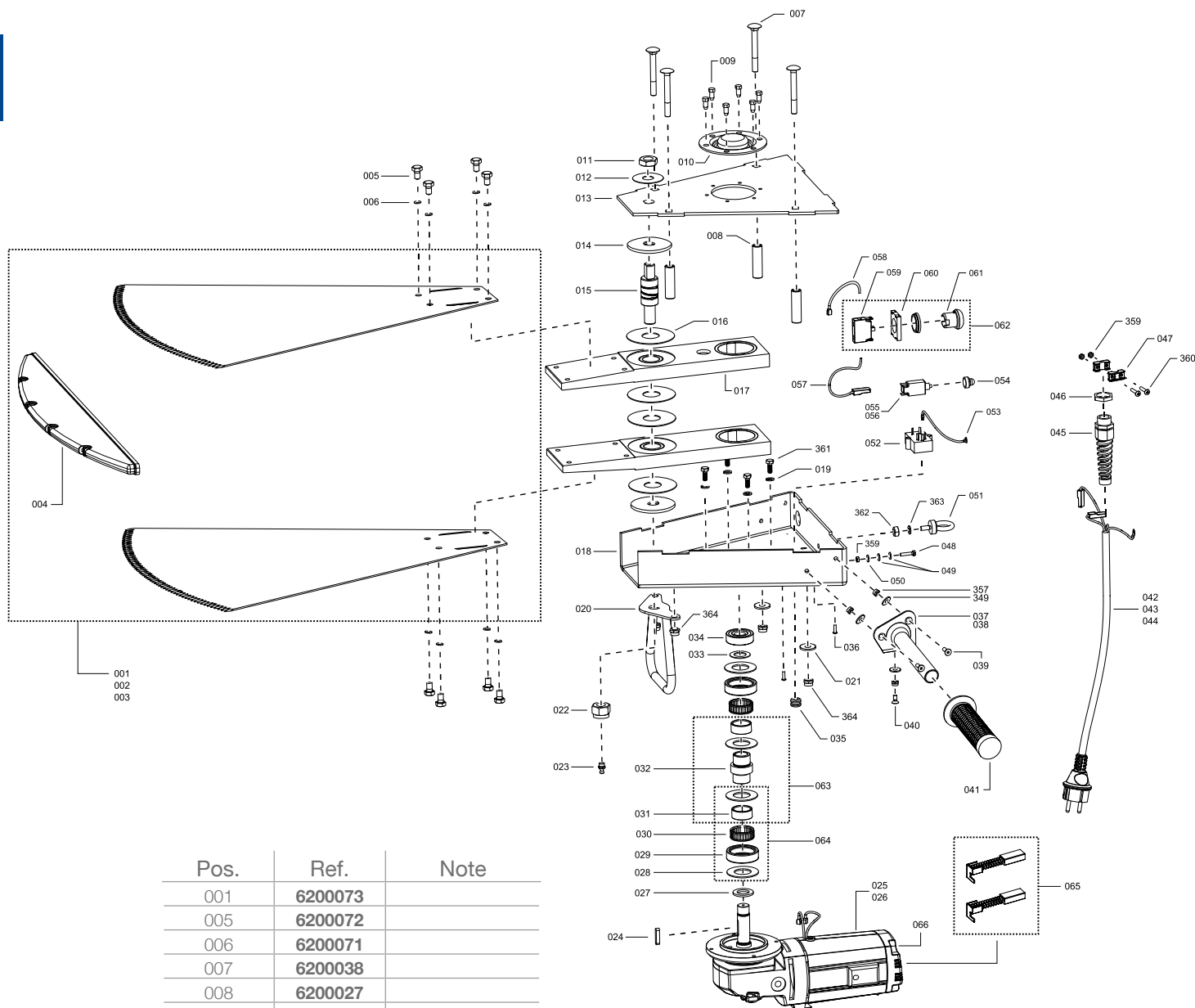
Dati Tecnici

Voltaggio: 230V @50Hz, 2000 rpm, 1.0kW, 4,5Amp;
115V @60Hz, 2000 rpm, 0.9kW, 8,6Amp
Peso: 15Kg
Larghezza taglio: 50cm
Profondità taglio: 60cm

Technical Data

Voltage: 230V @50Hz, 2000 rpm, 1.0kW, 4,5Amp;
115V @60Hz, 2000 rpm, 0.9kW, 8,6Amp
Weight: 15Kg
Cutting width: 50cm
Cutting depth: 60cm





Pos.	Ref.	Note
001	6200073	
005	6200072	
006	6200071	
007	6200038	
008	6200027	
009	6200033	
010	6200023	
011	6200037	
012	6200030	
013	6200019	
014	6200024	
015	6200029	
016	6200012	
017	6200077	
018	6200018	
019	6200041	
020	6200020	
022	6200062	
023	6200040	
024	6200063	
025	6200004	230 V
026	6200005	110 V
027	6200026	
033	6200025	
034	6200031	
035	6200032	
036	6200042	
037	6200021	
038	6200022	
039	6200065	

Pos.	Ref.	Note
040	6200064	
041	6200066	
042	6200049	EU Plug
044	6200051	US/CAN/JP Plug
045	6200044	
046	6200043	
047	6200039	
048	6200048	
049	6200047	
050	6200046	
051	6200045	
052	6200060	
053	6200054	
055	6200055	4 A
056	6200056	6 A
057	6200053	
058	6200052	
062	6200096	
063	6200078	
064	6200092	
065	6200093	
066	6200006	

Testing Equipment



Flow meter fluss 6000 with 6 ring

REF	Note
9000455	

- Small flows ring nut: with a continuous increment 0 ÷ 300 nl/min
- Large flows ring nut: 0 ÷ 2700 nl/min with an increment of 300 nl/min
- Macro flows ring nut: fixed leakage to 3000 nl/min
- Dimensions: (DxL) 70x160 mm
- Weight: 0,4 Kg



Flow Meter



Pulsator tester PT V

REF	Note
9001352	PT V with Flow Meter 7000 l/min

- Measuring range: +10 to -90 kPa
- Display: 320x240 dots Reflective Display
- Sensor accuracy: +/- 1 kPa
- Resolution: 0.1 kPa
- Power supply: 7,2 Battery cells Ni-MH
- Dimensions: (LxWxH) 250x183x52 mm
- Weight: 1,4 Kg



PT V Digital Flow Meter

REF	Note
9001082	Flow Meter 7000 l/min for PT V only
9000658	Flow Meter 3000 l/min for PT V only



Flow Meter Sleeve set

REF	Size [mm]	Note
9001259	38 x 29 49 x 38 49 x 49 61 x 49 73 x 61	Sleeve set for flow meter



PT V Printer DPU 414

REF	Note
9001353	For Pulsator tester PT V

Recommended Service Program

Warranty Policy: www.interpuls.com

Family	Product	Manutenzione raccomandata	Recommended service program
PULSATORI ELETTRONICI ELECTRONIC PULSATORS	Pulsator LE20 - LE30 Pulsator LP20 - LP30 Control Valve CV30 - CV20 LC30	➤pulizia del filtro ogni 3 - 6 mesi con acqua e sapone ➤controllo rapporto e frequenza ogni 12 mesi ➤pulizia immediata in caso di ingresso latte per rottura guaina ➤revisione generale dopo 5.000 ore di funzionamento	➤clean the filter every 6 months (every 3 months under very damp and dusty conditions), rinse with clean water and mild detergent. Do not lubricate the filter ➤check rate & ratio at least every 12 months ➤clean immediately whenever milk has been sucked into the pulsator ➤a general overhaul is needed after 5.000 working hours
PULSATORI PNEUMATICI VACUUM PULSATORS	Pulsator L02 Pulsator L80 Pulsator LL90	➤non lubrificare le parti in movimento ➤pulizia del filtro una volta al mese (acqua e spazzola per L02 e L80, aria compressa per LL90) ➤controllo rapporto e frequenza ogni 12 mesi ➤ogni 2 mesi pulizia generale delle varie parti e del corpo: utilizzare acqua tiepida e detergente neutro, una spazzola non metallica, risciacquare con acqua pulita e asciugare ➤pulizia immediata in caso di ingresso latte per rottura guaina ➤revisione generale dopo 1.500 ore di funzionamento	➤do not lubricate the moving parts ➤clean the filter at least once per month (use water mild detergent and soft not-metallic brush for L02 & L80; blow compressed air for LL90 filter) ➤check rate & ratio at least every 12 months ➤every 2 months clean the working parts and the pulsator body with water mild detergent and soft not-metallic brush. rinse all parts in clean water and dry ➤clean immediately whenever milk has been sucked into the pulsator ➤a general overhaul is needed after 1.500 working hours
REGOLATORI DEL VUOTO VACUUM REGULATORS	Stabilvac 1500 Stabilvac 3600 Stabilvac 4000 MON. Stabilvac 4000 SEP. Stabilvac 6000 MON. Stabilvac 6000 SEP.	➤controllo del livello di vuoto dell'impianto ogni mungitura ➤pulizia del servocomando ogni 12 mesi: utilizzare un panno umido, svitare le 2 viti con foro calibrato e soffiare aria compressa ➤pulizia dell'otturatore della valvola principale ogni 12 mesi ➤pulizia dei filtri ogni mese (acqua tiepida e deterg. neutro): sostituire se danneggiati ➤sostituzione delle membrane dopo 2.500 ore di lavoro o dopo 1 anno dall'installazione ➤controllo dei tubi di trasmissione del segnale ogni mese	➤check system vacuum level daily ➤check & clean "Servo Pilot Valve" every 12 months: use damp cloth, unscrew and blow compressed air into the 2 calibrated orifices ➤inspect and clean cone valve every 12 months with damp cloth ➤inspect air filters every month. Clean with warm water and mild detergent. Replace if damaged ➤replace diaphragms after 2.500 working hours or 1 year ➤inspect sensor tubes every month and replace if damaged
	Spring regulators	➤controllo livello di vuoto dell'impianto ogni mungitura ➤pulizia generale ogni 12 mesi	➤check system vacuum level daily ➤dismount and clean every 12 months
	Sanivac	➤controllare il livello di vuoto nell'impianto ad ogni lavaggio ➤controllare i filtri aria ogni mese. Pulire con acqua tiepida e detergente neutro. Sostituire se danneggiato ➤controllare i tubi di trasmissione segnale ogni mese. Sostituire se danneggiati	➤inspect system vacuum level at every washing time ➤inspect air filters monthly. Clean with warm water and neutral detergent or replace if damaged ➤inspect sensor tubes monthly Replace if damaged
MISURATORE ELETTRONICO MILK METER	iMilk600	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤effettuare 3 volte a settimana un lavaggio utilizzando una soluzione composta da acqua + acido fosforico o fosfonitrico in concentrazione NON superiore al 3% ➤si raccomanda di effettuare la sostituzione delle parti morbide, specie quelle in movimento del MMV, una volta ogni 2 anni o ogni 5000h di funzionamento (le ore si intendono comprensive delle ore di mungitura e lavaggio)	➤clean after every milking session with appropriate products ➤three times a week wash with a solution of water + phosphoric or phosphonitric acid, in concentrations NOT exceeding 3% ➤For correct operation of the sensor, we recommend replacing the soft parts, especially the MMV moving parts, once every 2 years or every 5000 h of operation (the hours include milking and washing hours)
SISTEMA DI STACCO ACR SYSTEM	HFS HFSO SO Valve	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤verifica dello stato della membrana ogni 12 mesi Sostituire se necessario	➤clean after every milking session with appropriate products ➤check diaphragm every 12 months. Replace if needed

Family	Product	Manutenzione raccomandata	Recommended service program
SISTEMA DI STACCO ACR SYSTEM	DVC800 & DVC1000	➤lubrificare solo con silicone spray ➤verifica della guarnizione del pistone ogni 6 mesi: sostituire se necessario	➤lubricate with silicon spray only ➤check piston diaphragm every 6 months. replace if needed
GRUPPI DI MUNGITURA PER BOVINE MILKING CLUSTERS FOR COWS	Lunik 200 Orbiter 250 Orbiter 350 Lunik 350	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤verifica costante della pulizia foro ingresso aria ➤sostituzione delle guarnizioni e della valvola di shut-off ogni 12 mesi	➤clean after every milking session with appropriate products ➤check the vent daily. Clean when necessary ➤replace gaskets & shut-off valve every 12 months
	Liner IPL01 Liner IPL02 Liner IPL11 Liner IP01 Bubalus	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤sostituzione dopo 2.500 mungiture o dopo 6 mesi $2.500 : \left(\frac{n. \text{ vacche } \times n. \text{ mungiture }}{n. \text{ gruppi }} \right)$	➤clean after every milking session with appropriate products ➤replace after 2.500 milking cows or after 6 months $2.500 : \left(\frac{n. \text{ of cows } \times n. \text{ of milkings }}{n. \text{ of clusters }} \right)$
	Short pulse tube	➤verifica dello stato generale ogni 12 mesi sostituire se necessario	➤check every 12 months. Replace if needed
	Rubber parts	➤sostituire comunque tutte le parti in gomma ogni 24 mesi	➤replace all rubber parts every 12 months
GRUPPI DI MUNGITURA PER PECORE E PER CAPRE MILKING CLUSTERS for SHEEP & GOATS	ITP203 claw ITP205 valve ITP206 valve ITP207 valve Classic cluster Vanguard cluster	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤verifica costante della pulizia foro ingresso aria ➤sostituzione delle guarnizioni e della valvola di shut-off ogni 12 mesi	➤clean after every milking session with appropriate products ➤check the vent daily. Clean when necessary ➤replace gaskets & shut-off valve every 12 months
	Liners for sheep Liners for goats	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤sostituzione al termine di ogni stagione di mungitura	➤clean after every milking session with appropriate products ➤replace after every lactation
	Rubber parts	➤sostituire comunque tutte le parti in gomma ogni 24 mesi	➤replace all rubber parts every 12 months
PROGRAMMATORE DI LAVAGGIO WASHING PROGRAMMER	Top Wash III Top Wash Lite II	➤pulire i filtri ingresso acqua ogni mese (ogni 15 gg se l'acqua presenta un forte contenuto di calcareo altre sostanze) ➤verifica tecnica generale ogni 12 mesi ➤verificare integrità tubetti interni pompe peristaltiche ogni 6 mesi	➤inspect sensor tubes monthly. Replace if damaged ➤a general overhaul is recommended every 12 months ➤inspect peristaltic pump internal tube every 6 months
COPERCHI IN PLASTICA E ACCIAIO INOX PLASTIC LIDS & S/S LIDS	Lids Gaskets	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤verifica dello stato delle guarnizioni ogni 12 mesi ➤sostituire se necessario	➤clean after every milking session with appropriate products ➤check and clean gaskets every 12 months. Replace if needed
VASI SANITARI SANITARY TRAPS	Gaskets	➤lavaggio al termine di ogni mungitura con appositi prodotti ➤verifica dello stato delle guarnizioni ogni 12 mesi ➤sostituire se necessario	➤clean after every milking session with appropriate products ➤check and clean gaskets every 12 months. Replace if needed
FILTRI LATTE MILK FILTER	Filter Gaskets	➤sostituzione del filtro dopo ogni mungitura ➤lavaggio al termine di ogni mungitura con appositi prodotti ➤verifica dello stato delle guarnizioni ogni 12 mesi ➤sostituire se necessario	➤replace filter after every milking session ➤clean after every milking session with appropriate products ➤check and clean gaskets every 12 months. Replace if needed

New Milking Parlour

Check List

Tabella • Chart

La progettazione di una nuova sala di mungitura richiede molte considerazioni per ottenere un sistema pratico ed efficiente. La seguente checklist guida "step by step" per un corretto dimensionamento di ogni singolo componente.

Specifiche sala di mungitura

Tipo di sistema

- ☐ Secchio mungitore
- ☐ Trasporto latte
- ☐ Swingover
- ☐ Sala
- ☐ Giostra

Descrizione	Valore
Dimensioni sala	
Pompa vuoto	
Valvola del vuoto	
Pulsazione	
Gruppi	
Unità terminale	
Pompa latte	
Dimensioni - linea - vuoto	
Dimensioni - linea - latte	
Programmatore di lavaggio	
Gruppi di lavaggio	
Stacco automatico	
Misurazione - manuale	
Misurazione - elettronica	
Dimensioni vasca	
Dairy management	
Identificazione manuale	
Identificazione elettronica	
Rilevamento calori	
Alimentatori automatici	

New milking parlour designing requires a lot of planning in order to reach the target of a practical and cost effective complete system. The checklist below is an useful step by step guide for the correct estimate of each singular device.

Milking parlour specifications

System type

- ☐ Bucket milking
- ☐ Pipeline
- ☐ Swingover
- ☐ Side by side
- ☐ Rotary

Description	Value
Milking system size	
Vacuum pump	
Vacuum regulator	
Pulsation	
Cluster	
Therminal unit	
Milk pump	
Vacuum line size	
Milk line size	
Automatic washing programmer	
Washing unit	
Automatic cluster remover	
Manual milk meter	
Electronic milk meter	
Wash trough size	
Dairy management	
Manual ID	
Electronic ID	
Heat detection	
Automatic feeding	

[illegible]

[illegible]

[illegible]

#Pulsation

LE30/LP30 (pag. 8)
IUC24/IUC32 (pag. 13)
IUP (pag. 14)
L02 Air (pag. 15)
L80/LL90 (pag. 17)
Quick Mounting & Adapters (pag. 30)
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#Pipeline & Buckets

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Libero Lid (pag. 91)
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#Vacuum Care

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#Intelligence

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#Cleaning Solutions

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#PMM

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Tagliafieno LH22 (pag. 97)

#Testing Equipment

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