



Spare Part List
Alma

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Technical changes, price changes and errors are reserved.
Pictures might be different.

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valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount	grp
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Electrical and electronic modules

953.059	Primus 2 module	- €	1		1
953.902	AT Module Primus 2 #	- €	1		1
954.043	Membrane keyboard without display	- €	1		1



501.036	Display (illuminated)	- €	1		1
953.020	Memory (up to 50 animals)	- €	1		1
953.019	Memory expansion to 350 animals	- €	1		1



956.097	Flat ribbon cable Primus C01/Display	- €	1		1
953.027	DC/DC converter Traco	- €	1		1
953.028	EPROM Chip Primus Computer	- €	1		1



951.035	inclination switch - Primus	- €	1		1
953.057	Alma ISO 42L01 (pre wired)	- €	1		1
951.190	Power supply 230/24V 5A	- €	1		2

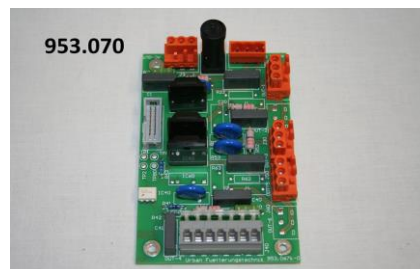
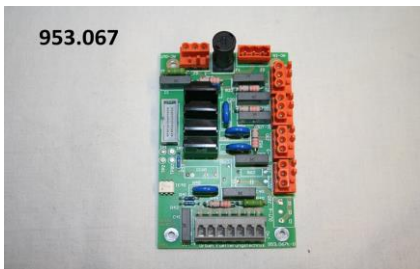


valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
953.074	Module converter	- €	1	1
501.033	U20/ISO programming device	- €	1	2
501.050	USB to Serial converter incl. cabel	- €	1	2



953.067	Module PUMI L01 fully equipped 5 outputs (spare part)	- €	1	1
953.070	Module PUMI L02 4 outputs	- €	1	1
953.001	Triac U20 / U40	- €	1	1



201.478	Alma Detection unit (blue glue) K-Series and up	- €	1	2
202.128	LS- Alma Distance sensor MTS U43 D-Version	- €	1	2
951.121	Float, plastic white MTS [top/MTS/top]	- €	1	2



953.038	USB to RSB422/485 (SSW PCK) for one Primus	- €	1	4
953.039	USB to RSB422/485 (SSW PCK) up to four Primus	- €	1	4
953.040	Interface converter for Net com 4 Primus PCK	- €	1	4



valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
236.230	Alma / U40 - Retrofit kit PCK II (1 Primus)	- €	1	4
236.231	Alma / U40 - Retrofit kit PCK II (4 Primus)	- €	1	4



951.044	Micro-fuse 6.3 A medium time-lag 5x20	- €	10	1
951.006	Pushbutton (whole milk and milk removal)	- €	1	1
951.007	Sealing flap for pushbutton 951.006	- €	1	1



951.015	Lamp BA9S for LED bulb	- €	1	1
951.020	LED incandescent lamp BA9S	- €	1	1
953.125	Module U42 L01 Quick-Feeder	- €	1	1



valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
953.905	AT Module U42 L01 Quick Feeder #	- €	1	1
953.072	Dongle module (ear tag reader)	- €	1	1
953.910	AT Dongle module (ear tag reader) #	- €	1	1

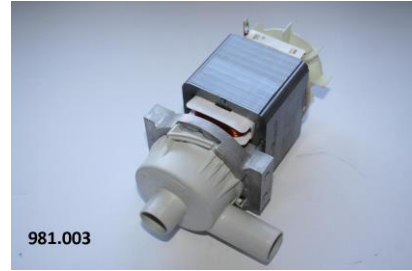


953.065	Module U42 L01	- €	1	1
953.901	AT Module U42 L01 #	- €	1	1



Pumps and accessories

201.092	PuMi as of series E, complete with guard plate and propeller	- €	1	2
201.451	PuMi as of series E, without guard plate and propeller	- €	1	2
981.003	U40 - pump BE55	- €	1	2



202.100	Alma pump housing circulation pump BE55	- €	1	2
981.332	Pump housing (U40/U41/U45) BE55	- €	1	1
981.333	Pump housing reduced Pumi BE55	- €	1	1



981.488	Screw-in connector 1/2" fore-part	- €	1	2
981.324	O-ring for BE55 58,0x3,0mm	- €	1	2
998.875	PuMi sealing ring	- €	1	1



238.050	U43 - conversion kit circulation pump BE55	- €	1	2
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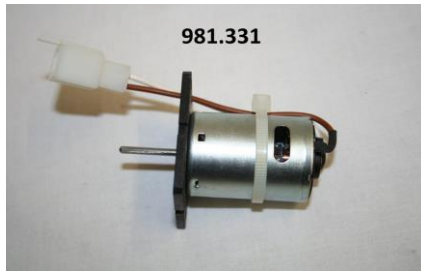


998.851	Mixing bowl seal	- €	1	1
998.805	Silicon washer - mixing bowl 19x3,5mm	- €	1	1
101.092	U43 - PuMix-propeller E-modell	- €	1	2



valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
Detergent /medicine pumps (SR 10/50)				
981.329	U40 detergent hose pump SR10/50 angular flange without cartridge	- €	1	2
981.331	U40 medicine hose pump SR10/50 straight flange without cartridge	- €	1	2
201.069	detergents PVC-tube alkaline	- €	1	2
201.070	detergents PVC-tube acid	- €	1	2



981.325	Spare roller for hose pump SR 10/50	- €	3	1
981.327	Spare cartridge for hose pump SR 10/50 (25 cm hose) for series C, D and DE	- €	1	1
981.373	Spare cartridge for hose pump SR 10/50 (37 cm hose) as of series E	- €	1	1



982.154	Spare hose detergent pump SR 10/50 (25 cm) U40 of series C. D and DE	- €	1	1
982.220	Spare hose detergent pump SR 10/50 (37 cm) U40 as of series E	- €	1	1
982.090	Spare hose detergent pump (sold by the metre)	- €	1	1



valid until 01.07.2019

Article No. Description

Price Qty unit discount grp

Whole milk diaphragm pump

201.021	U40 whole milk diaphragm pump	- €	1	2
981.431	Pump head whole milk diaphragm pump	- €	1	2
981.432	Suction and pressure valves whole milk diaphragm pump	- €	1	2



981.433	Diaphragms, pistons on swash plate whole milk diaphragm	- €	1	2
981.444	U40 connection fitting whole milk diaphragm pump	- €	1	1



valid until 01.07.2019

Article No. Description

Price Qty unit discount grp

Heater and accessories

236.215 U20 U43 Hot water tank (stainless steal) re-fitting incl. sensor and equipment, please inform for which feeder - € 1 2

998.856 Whole milk heat exchanger flange gasket as of series F - € 1 1



956.104 Temperature sensor line for all U40 models - € 1 1

981.515 heating element whole milk heat exchanger 2500W - € 1 1

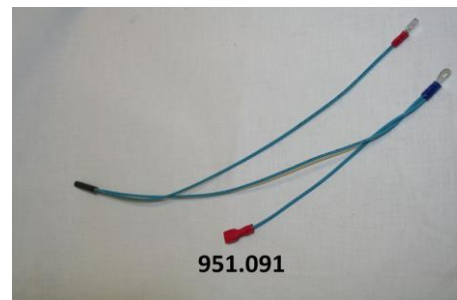
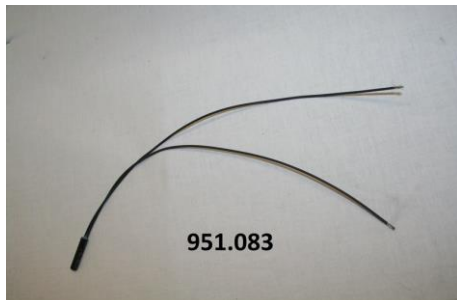
230.001 Set 2xseal and nut for spiral heater - € 1 1



951.083 Thermal fuse hot water supply tank for all series - € 1 1

951.091 Thermal fuse – whole milk heat exchanger as of series F - € 1 1

951.034 Glow Lamp whole milk heater (orange) - € 1 2



952.088 plug US 15A 250V waterproof - € 1 2

952.090 Clutch US 15A 250V waterproof - € 1 2

956.997 Connection box boiler with cable US / CA - € 1 2



956.998 Connection cable boiler (female) US / CA - € 1 2

956.999 Alma/Paula power supply line US / CA - € 1 2



valid until 01.07.2019

Article	Description	Price	Qty unit	discount grp
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Motors and accessories

956.147	U42 dosing motor 8 mm shaft	- €	1	2
101.011	U43/U30/U20 drive connector (welded)	- €	1	1
301.014	U43/U30/U20 crank pin	- €	1	2



951.110	Motor for additive dosing unit	- €	1	2
101.010	Dosing spiral additive dosing unit	- €	1	2
201.346	Sprocket for powder dosing unit	- €	1	2



951.108	Agitator motor liquid dosing unit	- €	1	2
201.218	Agitator for liquid dosing unit complete	- €	1	2
201.230	Agitator blade, liquid dosing unit	- €	1	2



valid until 01.07.2019

Article No. Description

Price Qty unit discount grp

Valves and accessories

201.088	Water valve unit A+K Müller	- €	1	2
981.421	Straight connector 12 x 3/8"	- €	1	1
915.075	Tube 12x1 flare type for hose connection to plug-in system	- €	1	2



230.120	Water valve filter cartridge set	- €	1	2
981.304	Water valve diaphragm	- €	1	2
981.394	U40 solenoid water valve A&K Müller	- €	1	2



998.815	Seal for water pre-filter	- €	1	1
981.319	Water pre-filter	- €	1	2



valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
Drain valve				
201.013	U42/U43 - Drain valve	- €	1	2
981.445	Coil 24V DC drain valve/hose clamping valve	- €	1	2
981.399	Rubber seal whole milk/drain valve	- €	1	2



981.397	Spring and Piston - whole milk valve	- €	1	2
981.421	Straight connector 12 x 3/8"	- €	1	1
401.103	U42 - outlet pipe bended	- €	1	2



Whole milk valve

981.400	Whole milk valve 3/2-way, without hose connector angle	- €	1	2
981.396	Coil 230V AC whole milk valve	- €	1	2
981.191	Hose connector 1/2" 12mm	- €	1	1



valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
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Station valves
Hose clamping valve for station (201.093)

201.093	U42 - hose squeeze valve complete	- €	1	2
981.445	Coil 24V DC drain valve/hose clamping valve	- €	1	2
981.401	3/2-way hose clamping valve	- €	1	2



981.417	Tube to hose stem 8 mm grey	- €	1	1
981.422	Y connector 8 mm black	- €	1	1
981.418	Angle connector 8 mm black	- €	1	1



999.300	Wing screw M5x20 (Alma Station)	- €	1	2
982.150	Silicone hose for hose clamp valve 6.5 x 1.5	- €	1	1
989.041	Check valve yellow/white	- €	1	1



101.258	Retaining plate valve unit, station	- €	1	2
982.307	Cover valve unit, station	- €	1	2



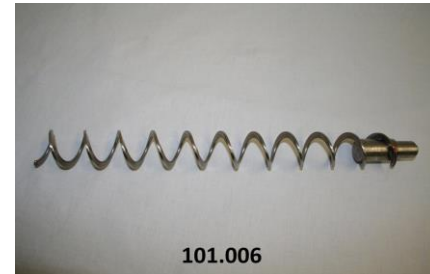
Article No.	Description	Price	Qty unit	discount grp
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Powder bag and accessories

201.003	U40 powder bag with auger pipe	- €	1	2
201.572	U40 - kinematics module	- €	1	2
101.198	Auger pipe Powder bag E-Series and up	- €	1	2



101.012	Kinematic axle as of series E	- €	1	2
101.006	U40 powder spiral conveyor	- €	1	2
999.213	Hexagon head screw VA 8x40 as of series E	- €	1	1



201.421	POM floating bearing with o-ring	- €	1	2
201.012	U40 powder grommet C	- €	1	2
998.000	Angle joint DIN71802 CS10M6	- €	1	2



982.382	U20/U40 kinematics item end cap	- €	1	3
998.914	U40 - cover gas spring 200N 80mm	- €	1	1
230.121	Conversion Kit for conveying Tube	- €	1	2



valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
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Fittings and small parts

981.413	Plug-in angle connector 12 mm	- €	1	1
981.423	T connector 12 mm	- €	1	1
981.421	Straight connector 12 x 3/8"	- €	1	1



981.424	Straight connector 12 mm	- €	1	1
981.425	Angle connector 12 mm	- €	1	2
981.449	RM2312E Y connector 12 mm	- €	1	1



981.190	Hose connector tee joint 19-13-19 black	- €	1	2
981.144	Hose connector YS 12 mm	- €	1	1
981.166	Hose connector - polyamide - TS 19	- €	1	1



valid until 01.07.2019

Article No. Description

Price Qty unit discount grp

981.500 Pipe plug nipple 3/8" x 3/8"
981.483 T connector 3/8" fore-part
981.616 Elbow connector 3/8"

- € 1 1
- € 1 1
- € 1 1



201.809 Hose connecting piece
981.486 Plug 3/8" fore-part
981.481 Hose stem 3/8" x 5/16" fore-part suction hose connection

- € 1 1
- € 1 1
- € 1 1



981.480 Hose stem 3/8" x 1/2" fore-part
301.018 Hose connector reduction 8-6 PVC
981.451 Hose stem 1/4 x 1/4 liquid medicine dosing unit

- € 1 1
- € 1 1
- € 1 1



valid until 01.07.2019

Article No. Description Price Qty unit discount grp

915.075	Tube 12x1 flare type for hose connection to plug-in system	- €	1	2
915.076	Tube 12x1 connection for plug-in system	- €	1	1
981.258	Water connection plastic nozzle 90°	- €	1	1



981.450	Bulkhead connector 1/4 liquid medicine dosing unit	- €	1	1
998.823	Seal ring of fiber - G 3/8"	- €	1	1
982.065	U42 - PE-piece of tube medication plug 6mm	- €	1	2
981.453	Stop valve 1/4 x 1/4 liquid medicine dosing unit	- €	1	1
981.452	Angle hose stem 1/4 x 1/4 liquid medicine dosing unit	- €	1	1
230.050	Set U40 liquid dosing feed plug	- €	2	1



101.377	Twin inlet pipe	- €	1	2
101.085	Fly protection guide	- €	1	2



Hoses/hose sets

Silicone hoses

982.073	Silicone hose 10 x 3 transparent	- €	1	1
982.075	Silicone hose 18 x 4 transparent	- €	1	1
982.078	Silicone woven hose 10 x 2.5 x 1.5	- €	1	1
982.150	Silicone hose for hose clamp valve 6.5 x 1.5	- €	1	1
982.150	Silicone hose for hose clamp valve 6.5 x 1.5	4,30 €	25	1
982.090	Spare hose detergent pump (sold by the metre)	- €	1	1



982.079	Woven hose TX-PVC 10 x 3	- €	1	1
982.080	Woven hose TX-PVC 13 x 3.5	- €	1	1
201.217	Whole milk suction hose incl. PVC pipe	- €	1	2



valid until 01.07.2019

Article No. Description Price Qty unit discount grp

Suction hoses

230.140	Alma/U43 - Suction line complete 3m (maintenance)	- €	1	2
230.141	Alma/U43 - Suction line complete 5m (maintenance)	- €	1	2
230.142	Alma/U43 - Suction line complete 7,5m (maintenance)	- €	1	2

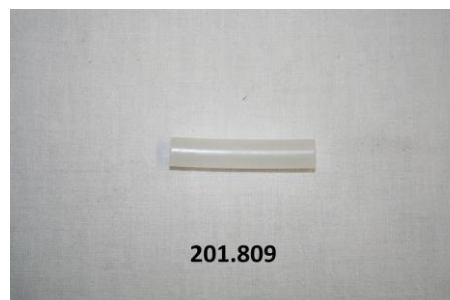


982.082	PVC hose 7 x 2 (red/suction hose runback)	- €	1	1
982.088	PVC hose 7 x 2 (crystal clear/suction hose flow)	- €	1	1
982.082/08	PVC hose transparent or red compl. ROLL 50m	2,00 €	50	1



Other hoses

982.051	Flex pipe insulation 22x9	- €	1	1
982.089	PE hose 12 mm for plug-in system	- €	1	1
201.809	Hose connecting piece	- €	1	1



Maintenance hose sets

230.130	maintenance kit Alma powder feeder	- €	1	2
230.131	maintenance kit Alma whole milk feeder	- €	1	2
230.136	maintenance kit Alma feeding station	- €	1	2
230.137	maintenance kit Alma Parallel feeding station	- €	1	2
230.143	Alma/U43 - Suction line complete 10m (maintenance)	- €	1	2
230.144	Alma/U43 - Suction line complete 12m (maintenance)	- €	1	2

Cable and Plugs

Cable

956.301	Alma Station cable external 3m	- €	1	2
956.302	Alma Station cable external 4,5m	- €	1	2
956.303	Alma Station cable external 7m	- €	1	2



956.305	Alma Station cable internal	- €	1	2
956.232	cable milk valve - feed station (F-Modell)	- €	1	1



200.425	CM Alma Data cable per meter (incl. plugs)	- €	1	4
950.272	Datavire 4x0,75 per meter	- €	1	2



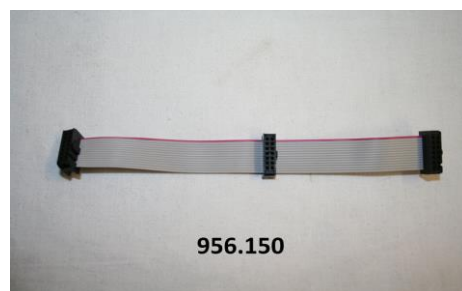
956.074	U20/U30/U43/M10 - heat exchanger feed cable control box	- €	1	1
956.200	U20/U30/U43 - feed cable	- €	1	1
956.202	U20/U30/U43 - hot water connecting cable	- €	1	1



956.111	U43 - circuit cow feeder connecting)	- €	1	2
956.115	U43 - circuit PC-cuppling/external computer connecting	- €	1	2
956.120	U43 - connecting cable U4101L01-U41 L01/U42	- €	1	2



956.097	Flat ribbon cable Primus C01/Display	- €	1	1
956.150	U45 - Flat flexible cable U42L01 - PumiL01-U42 PAR	- €	1	1
956.153	U45 - circuit valve cable U45 Quick Feeder	- €	1	1

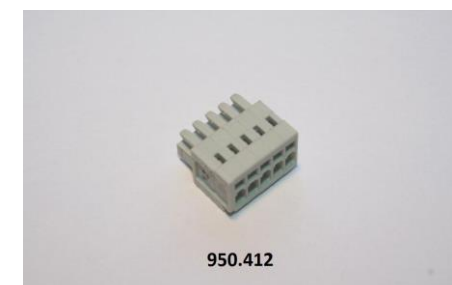


Plugs

952.039	cable plug 6pin	- €	1	2
952.037	cable socket 6pin	- €	1	2
950.395	connector Block 222-415 5-core-plug	- €	1	1



950.416	connector Block WAGO 231 633	- €	1	1
950.415	connector Block WAGO 231 303	- €	1	1
950.412	connector Block WAGO 734 105	- €	1	1



950.408 connector Block WAGO 733 105
950.418 connector Block WAGO 734 305
950.406 connector Block WAGO 733 102

- € 1 1
- € 1 1
- € 1 1



950.411 connector Block WAGO 734 103
950.413 connector Block WAGO 734 106
950.419 connector Block WAGO 734 104

- € 1 1
- € 1 1
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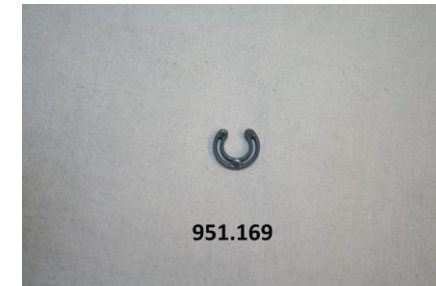
Article No.	Description	Price	Qty unit	discount grp
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Alma parallel spares

201.343	U45 - Bowl acceptance with fittings	- €	1	2
201.130	U45 - dosing bowl with quick connector	- €	1	1
982.237	U45 - Quick - Feeder o-ring dosing bowl	- €	1	1



951.168	U45 - Quick-Feeder floating switch	- €	1	2
951.167	Quick-feeder float lever for float switch	- €	1	2
951.169	U45 - Quick-Feeder snap ring floating switch	- €	1	2



998.854	U45 - Quick-Feeder float switch seal	- €	1	2
981.583	angle with plug-nipple 9.6mm	- €	1	1
301.020	Quick connector 1/4"	- €	1	1



201.449	Cover for Paralellfeeding station 2010	- €	1	2
956.304	Alma parallel cable for Valves/feedstation	- €	1	2



valid until 2019-07-01

Article No.	Description	Price	Qty unit	discount grp
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Ad libitum

951.190	Power supply 230/24V 5A	- €	1	2
953.001	Triac U20 / U40	- €	1	1
953.066	Module TTK 10 L01	- €	1	1



ad libitum station

981.393	U40 hose clamping valve ad libitum	- €	1	2
981.177	Hose connector - polyamide - TRS 10-8-10	- €	1	1
981.418	Angle connector 8 mm black	- €	1	1



981.402	Y- fitting for hose squeeze valve	- €	1	2
989.041	Check valve yellow/white	- €	1	1
989.052	holder plate with pipe 41mm for feeding station	- €	1	1



valid until 2019-07-01

Article No.	Description	Price	Qty unit	discount grp
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989.046	nut to fix teat	- €	1	1
989.035	Lamb teat	- €	1	1
989.017	Teat cross (red)	- €	1	1



989.014	Teat Lamb (Natural Rubber)	- €	1	1
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956.043	U43 - valve circuit ad libitum 7,0m	- €	1	4
982.079	Woven hose TX-PVC 10 x 3	- €	1	1
982.095	Flex tube insulation 22 x 9	- €	1	1



200.017	Collar for lambs incl. Transponder	- €	1	4
989.007	Collar for lambs	- €	1	4
989.015	Transponder Lambs	- €	1	4



valid until 01.07.2019

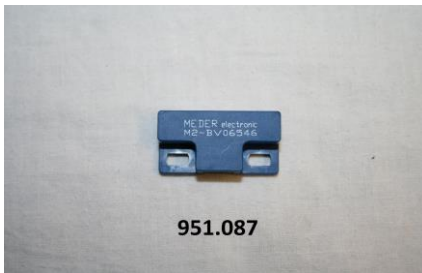
Article No. Description Price Qty unit discount grp

Alma CMR2

101.301	U40 Twin powder spiral conveyor	- €	1	2
998.950	S - Bent lever closure with latching device	- €	1	2
998.913	U40 - cover gas spring 100N 80mm	- €	1	1

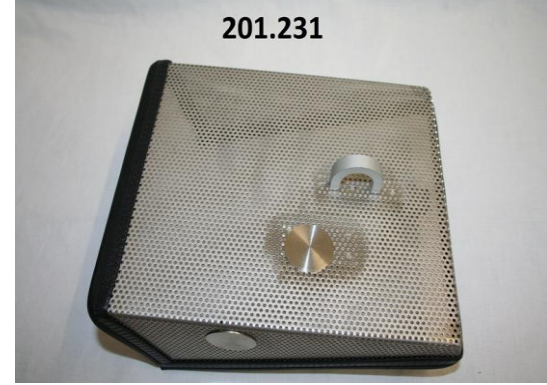


951.087	U20/U30/U40/S - Magnet for reed relay	- €	1	1
201.869	Fly Protection - TWIN	- €	1	2
101.443	TWIN - scoup for calibration	- €	1	2



Accessories

101.145	Primus - C01 keyboard housing U40	- €	1	2
201.015	Keyboard cover	- €	1	2
201.231	Fly protection, square	- €	1	2



999.223	Allen screw 4x12 - Keypad	- €	1	2
998.907	Keys, two-way key bit	- €	1	1
998.931	U40/U30/U20 safety turnbuckle	- €	1	1



998.829	Seal, fly protection /m	- €	1	1
998.825	U43 - edge protective strip (door) cut	- €	1	1
998.914	U40 - cover gas spring 200N 80mm	- €	1	1



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 Article No. Description

Price Qty unit discount grp

Detergents










982.112	U40 - canister PE 3 liter	- €	1	2
982.113	Screw cap for canister 982.112 (black)	- €	1	2
989.060	Detergent Urban S30 (acid) 12,5Kg	- €	1	2
989.030	Detergent Urban S30 (acid) 25kg	- €	1	2



982.123	U20 - plastic bottle 1000 ml	- €	1	2
982.124	Screw cap for plastic bottle #982.123 (black)	- €	1	2
989.061	Detergent A30 (alkaline) 14Kg	- €	1	2
989.038	Detergent A30 (alkaline) 28Kg	- €	1	2



valid until 01.07.2019

Article No.	Description	Price	Qty unit	discount grp
989.033	Teat cross	- €	1	1
989.033	Teat cross	1,80 €	50	1
989.033	Teat cross	1,60 €	100	1
				
989.034	Teat hole	- €	1	1
989.034	Teat hole	1,80 €	50	1
989.034	Teat hole	1,60 €	100	1
				
989.035	Lamb teat	- €	1	1
989.035	Lamb teat	1,80 €	50	1
989.035	Lamb teat	1,60 €	100	1
				
989.017	Teat cross (red)	- €	1	1
989.046	nut to fix teat	- €	1	1
989.041	Check valve yellow/white	- €	1	1
				
989.011	Eartag transponder	- €	1	4
989.012	Eartag backplate	- €	1	4
200.006	nipper for eartag transponder	- €	1	4
				
985.100	Sticker "Kälbermama" Alma	- €	1	3
985.101	Sticker "Calfmom" Alma	- €	1	3

valid until 01.07.2019
 Article No. Description

Price Qty unit discount grp



989.003	Calf collar 80cm	- €	1	4
200.016	calf collar with transponder	- €	1	4
989.010	Transponder red (add Number!)	- €	1	1



989.073	Identification number red, Set 0-9	- €	10	1
989.024	Identification number red	- €	1	1



valid until 01.07.2019

Article No. Description

Price Qty unit discount grp

Retrofitting

236.213	U43 - whole milk upgrade kit	- €	1	4
236.214	Alma - whole milk upgrade kit with existing stainless steel boiler	- €	1	4

201.202	CM Alma additive doser, Powder	- €	1	4
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201.198	CM Alma additive doser Liquid	- €	1	4
201.110	CM Alma 3rd drinking station connection	- €	1	4
201.191	Retrofitting auxiliary pump (for long suction hoses)	- €	1	2



236.202	CM Alma - 3rd and/or 4th drinking station connection	- €	1	4
238.050	U43 - conversion kit circulation pump BE55	- €	1	2



201.583	CM Alma drinking aid 1 Station G-Series and up	- €	1	2
201.585	CM Alma drinking aid 2Station G-Series and up	- €	1	2
201.580	CM Alma drinking aid	- €	1	2



236.230	Alma / U40 - Retrofit kit PCK II (1 Primus)	- €	1	4
236.231	Alma / U40 - Retrofit kit PCK II (4 Primus)	- €	1	4



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