

GROUNDWATER PUMPS

You will return to the contents of P2 WATER by clicking the pictogram

P2.50

Lowering the submersible pump MP1 into a monitoring well.



Groundwater pumps are usually applied for developing and purging monitoring wells before executing a sampling procedure. Applying submersible pumps 12.27 and 12.12 sampling can be executed too.

12.27 Submersible pump sets MP1, suitable for purging and sampling monitoring wells

Various standard sets are available for purging and sampling monitoring wells to a depth of 20 to 90 m.

The submersible pump MP1, included in these sets, has been specially designed for purging and sampling of monitoring wells with a diameter from 50 mm. The pump motor is controlled by an adjustable frequency-converter. Due to the continuously variable setting of the frequency, the capacity of the pump can be adjusted from 0 to 2 m³/hour. This results in a steady flow of anaerobe water. A new measuring point has to be purged before sampling. The high capacity of this pump

allows for quick purging of the measuring point. By setting a low pumping capacity the same pump can be used for sampling. Built-in safeguards protect the MP1 and the convertor against overload. The actual frequency as well as possible failure can be read from a display.

Among other items the standard sets contain: an MP1 submersible pump, a cooling jacket, a service kit, a frequency-converter, a badweather protection (IP23), a suspension cable, teflon tube with connection, a hose reel cart, a generator and insulation guard.

Advantages

- High top capacity for purging, smooth flow for sampling.
- □ Compact and easy to install; mobile.
- Resistant against corrosive fluids.
- The pumped medium only has contact with stainless steel and teflon.
- □ Anaerobe sampling.
- □ Simple cleaning procedures.



Submersible pump set, complete set





Submersible pump MP1

Frequency-converter

The speed is set on the frequency-converter.



GROUNDWATER PUMPS

12.12.SA Submersible pump set, low cost This low cost submersible pump set is suitable for use in monitoring wells with a diameter of minimal 40 mm. The set includes three submersible pumps "Gigant", three booster pumps, a roll of extension cable, sealed crimp splices (to make a waterproof cable extension), a roll of polyethylene sampling tube and a battery with battery charger.

Both pumps are small centrifugal pumps with small but powerful motors. This allows them to fit in narrow monitoring wells.

The Gigant pump can push water to a height of 10 meter. The Booster pumps have the same capacity and can be applied as boosters.

By fitting one or more Booster pumps directly over a Gigant pump the pressure can be raised to 20, 30 or more meter. The pumps can be used for purging a new sampling filter. Connecting the pumps to the regulator of the peristaltic pump 12 Vdc allows for setting a relaxed speed. This allows the pumps to be used also for taking samples (the regulator can power a maximum of two pumps with a maximum sampling depth of approx. 12 meter). The low price of the pumps makes it possible to use them only once. This prevents the risk of cross-contamination. The pumps are made from non-toxic ABS plastic and are fitted with a stainless steel impeller.

12.08 Water pump with combustion engine This self-priming (up to a depth of 6 meter) centrifugal pump is used primarily for (fast) purging or emptying of monitoring wells and bore holes. Other applications are pumping water for irrigation, drinking water for cattle, etc. The pump has a quiet, reliable starting, economical fourstroke engine running on ordinary or unleaded petrol. The pump is not sensitive to polluted water and the maintenance is minimal and easily executed.



P2.50

Two submersible pumps have been connected to the battery to take a sample.

A monitoring well is purged using the water pump with combustion engine.







Submersible pump set



Submersible pumps "Gigant"



Water pump with combustion engine



Art.no.	Description Qty. in se	t	Art.no.	Description	Qty. in set
Groundwater	r pumps (P2.50)			MP1 to monitoring wells w	ith
	Groundwater pumps are supplied in various designs, e.g.: - submersible pump MP1		**12.27.18	a Ø larger than 75 mm Hose reel cart small, to transport tube, cable and p Capacity till 60 m tube. Incl holder for submersible pun	
	(230 V) - submersible pumps (12 V) - water pump with combustion engine		**99.13	5 leather straps to fix tube reel and mounting instruct Generator, max. power 370 continuous power: 3300 W,	ions 0 W, 1 230V
12.27	Submersible pump set, MP1 Depending on sampling depth			50 Hz, tank capacity 17 l, ru duration 8.8 hrs. Dimensior 580x477x508 mm. Incl. oil	
	a choice can be made out of the following sets (for 20, 40, 60, 80 and 90 m depth)		**99.13.03	level guard Collector box, synthetic, to place generator when work in the field (to prevent pet	-
12.27.SA	Submersible pump set, for pur- ging/sampling monitoring			and oil leakage). Dimension 80x60x12 cm	ns:
	wells to a depth of 20 m and inside Ø from 50 mm, pressure head lift 86 m. Set with pump MP1, converter,generator, insula tion control, Teflon tube, cables, cooling jacket, hoose reel cart + service kit	-	**99.13.01	Insulation guard to protect electrical apparatus which are connected to a generat Obliged acc. to NEN1010 fc generator 2000 VA or more Not suitable for mains volta with rim earthing. Incl. ada cable with euro-plug (DIN49441/CEE7)	or. or 2. age
**12.27.02	Submersible pump MP1, centrifugal type f. purging/ sampling monitoring wells, stainless steel 316, pressure head lift max. 86 m, adjust. cap. Till max. 1.8 m3/h, 220 V 1.1 kW, for connection to frequency converter, pump Ø 45 mm, 287 mm long. Teflon cable 20 m	1	12.27.SB	Submersible pump set, for ging/sampling monitoring wells to a depth of 40 m inside Ø from 50 mm, pre head lift 86 m. Set with p MP1, converter generator insulation control, teflon. tube, cables, cooling jack hoose reel cart + service l	g and essure oump r, et,
**12.27.11	Service kit for submersible pump MP1 (impellers with pump chambers), incl. assembly instructions	1	**12.27.04	Submersible pump MP1, centrifugal type f. purging/ sampling monitoring wells,	
**12.27.40	Frequency converter to control submersible pump MP1, frequency adjustment between 46-405 Hz. Connection to 230 Volt 50 Hz 2.2 kVA minimal. Maximum load 1.5 kW, IP21 protection	1		stainless steel 316, pressure head lift max. 86 m, adjust. cap. Till max. 1.8 m3/h, 220 1.1 kW, for connection to frequency converter, pump Ø 45 mm, 287 mm long. Teflon cable 40 m	V
**12.27.41	(drip-proof), incl. cable/plug Stand with bad weather protection for frequency converter Protection IP23 (rainwater tight)	1 :	**12.27.11	Service kit for submersible pump MP1 (impellers with pump chambers), incl. asser	1 mbly
**12.27.22	Suspension cable, stain- less steel, for submersible pump, incl. 2 cable clamps, length 20 m	1	**12.27.40	instructions Frequency converter to con submersible pump MP1,	itrol 1
**12.27.12	Flange stainless steel, for connection of suspension cable to pump	1		frequency adjustment betw 46-405 Hz. Connection to 230 Volt 50 Hz 2.2 kVA min Maximum load 1.5 kW, IP2 [.]	imal.
**12.27.32	Tube, teflon, Ø 18x13 mm, roll of 20 m Tube connection, stainless	1		protection (drip-proof), inc cable/plug	
.2.27.13	steel, for connection of tube with Ø 18x13 mm to submersible pump MP1		**12.27.41	Stand with bad weather protection for frequency converter. Protection IP23	1
**10.01.13	Strap for e.g. tightning filter gauze, bag of 100 pcs.	1	**12.27.24	(rainwater tight) Suspension cable, stainless	1
**12.27.14	Cooling jacket, for adaption of submersible pump	1		steel, for submersible pump incl. 2 cable clamps, length	



Art.no.	•	Qty. n set	Art.no.	Description	Qty. in set
**12.27.12	Flange stainless steel, for connection of suspension cable to pump	1	**12.27.41	1.5 kW, IP21 protection proof), incl. cable/plug Stand with bad weathe	
**12.27.34	Tube, teflon, Ø 18x13 mm, roll of 40 m	1		protection for frequence Protection IP23 (rainwa	cy converter.
**12.27.13	Tube connection, stainless steel, for connection of tube with Ø 18x13 mm to	1	**12.27.26	Suspension cable, stain steel, for submersible p incl. 2 cable clamps, ler	less 1 pump,
**10.01.13	submersible pump MP1 Strap for e.g. tightning filter gauze, bag of 100 pcs.	1	**12.27.12	Flange stainless steel, f connection of suspension cable to pump	
**12.27.14	Cooling jacket, for adaption of submersible pump MP1		**12.27.36	Tube, teflon, Ø 18x13 r roll of 60 m	nm, 1
	to monitoring wells with a Ø larger than 75 mm		**12.27.13	Tube connection, stain steel, for connection of	f tube
**12.27.18	Hose reel cart small, to transport tube, cable and pum Capacity till 60 m tube. Incl.	1 p.	**10.01.13	with Ø 18x13 mm to su pump MP1 Strap for e.g. tightning	
	holder for submersible pump, 5 I leather straps to fix tube or		**12.27.14	filter gauze, bag of 100 Cooling jacket, for ada	ption 1
**99.13	reel and mounting instruction Generator, max. power 3700 W, continuous power:	is. 1		of submersible pump N monitoring wells with than 75 mm	
	3300 W, 230V 50 Hz, tank capacity 17 l, run duration 8.8 Dimensions 580x477x508 mm. Incl. oil level guard	hrs.	**12.27.19	Hose reel cart large, to tube, cable and pump. 60 - 200 m tube. Incl. h submersible pump, 5 le	Capacity older for
**99.13.03	Collector box, synthetic, to pla generator when working in th field (to prevent petrol- and o leakage). Dimensions: 80x60x1	e il	**99.13	straps to fix tube on re mounting instructions Generator, max. power 3700 W, continuous po	· 1
**99.13.01	Insulation guard to protect electrical apparatus which are connected to a generator. Obl acc. to NEN1010 for generator 2000 VA or more. Not suitable	1 iged	**00.42.02	3300 W, 230V 50 Hz, ta capacity 17 l, run durat Dimensions 580x477x 5 Incl. oil level guard	ink ion 8.8 hrs. i08 mm.
	for mains voltage with rim ear Incl. adapter cable with euro-p (DIN49441/CEE7)	thing.	**99.13.03	Collector box, synthetic generator when workin field (to prevent petrol leakage). Dimensions: 80x60x12 cm	ng in the
12.27.SC	Submersible pump set, for purging/sampling monitorin wells to a depth of 60 m and inside Ø from 50 mm, pressu head lift 86 m. Set with pum MP1, converter,generator, insulation control, Teflon tul cables, cooling jacket, hoose reel cart + service kit	d ire ip be,	**99.13.01	Insulation guard to pro electrical apparatus wh are connected to a gen Obliged acc. to NEN10 ⁻⁷ generator 2000 VA or r Not suitable for mains with rim earthing. Incl. cable with euro-plug (DIN49441/CEE7)	iich Ierator. 10 for more. voltage
**12.27.06	Submersible pump MP1, centrifugal type for purging/ sampling monitoring wells, stainless steel 316, pressure he lift max. 86m, adjust. cap. till max. 1.8 m3/h, 220V 1.1 kW, for connection to frequency conver pump Ø 45 mm, 287 mm long. Teflon cable 60 m	or erter,	12.27.SD	Submersible pump se purging/sampling mo wells to a depth of 80 inside Ø from 50 mm, head lift 86 m. Set wi MP1, converter,gener insulation control, Tet cables, cooling jacket reel cart + service kit	nitoring 0 m and , pressure ith pump ator, flon tube, , hoose
**12.27.11	Service kit for submersible pump MP1 (impellers with pump chambers), incl. assembl instructions	1 y	**12.27.08	Submersible pump MP' centrifugal type f. purg sampling monitoring w	jing/
**12.27.40	Frequency converter to contro submersible pump MP1, freque adjustment between 46-405 H. Connection to 230 Volt 50 Hz 2.2 kVA minimal. Maximum lo	ency z.		stainless steel 316, pres head lift ax. 86 m, adju Till max. 1.8 m ³ /h, 220 v for connection to frequ converter, pump Ø 45 r	sure ist. cap. V 1.1 kW, Jency





Art.no.	•	Qty. n set	Art.no.	Description Qty in s	
	287 mm long. Teflon cable 80 r	m		cables, cooling jacket, hoose	
**12.27.11	Service kit for submersible	1		reel cart + service kit	
	pump MP1 (impellers with pum	np			
	chambers), incl. assembly instructions		**12.27.09	Submersible pump MP1,	1
**12.27.40	Frequency converter to control	1		centrifugal type f. purging/ sampling monitoring wells,	
	submersible pump MP1,			stainless steel 316, pressure	
	frequency adjustment betweer	ı		head lift max. 86 m, adjust. cap.	
	46-405 Hz. Connection to			Till max. 1.8 m³/h, 220 V 1.1 kW,	
	230 Volt 50 Hz 2.2 kVA minima	ıl.		for connection to frequency	
	Maximum load 1.5 kW, IP21 protection (drip-proof), incl.			converter, pump Ø 45 mm, 287 mm long. Teflon cable 90 m.	
	cable/plug		**12.27.11	Service kit for submersible	1
**12.27.41	Stand with bad weather	1		pump MP1 (impellers with	
	protection for frequency			pump chambers), incl. assembly	
	converter. Protection IP23			instructions	
**12 27 20	(rainwater tight)	1	**12.27.40	Frequency converter to control	1
**12.27.28	Suspension cable, stainless steel, for submersible pump,	1		submersible pump MP1, frequenc adjustment between 46-405 Hz.	.y
	incl. 2 cable clamps, length 80	m		Connection to 230 Volt 50 Hz	
**12.27.12	Flange stainless steel, for	1		2.2 kVA minimal. Maximum load	
	connection of suspension			1.5 kW, IP21 protection (drip-	
	cable to pump			proof), incl. cable/plug	
**12.27.38	Tube, teflon, Ø 18x13 mm, roll of 80 m	1	**12.27.41	Stand with bad weather	1
**12.27.13	Tube connection, stainless	1		protection for frequency converter. Protection IP23	
	steel, for connection of tube			(rainwater tight)	
	with Ø 18x13 mm to submersib	ole	**12.27.29	Suspension cable, stainless	1
	pump MP1			steel, for submersible pump,	
**10.01.13	Strap for e.g. tightning	1		incl. 2 cable clamps, length 90 m	
**12.27.14	filter gauze, bag of 100 pcs. Cooling jacket, for adaption	1	**12.27.12	Flange stainless steel, for	1
	of submersible pump MP1 to	1		connection of suspension cable to pump	
	monitoring wells with a Ø larg	er	**12.27.39	Tube, teflon, Ø 18x13 mm,	1
	than 75 mm			roll of 90 m	
**12.27.19	Hose reel cart large, to	1	**12.27.13	Tube connection, stainless	1
	transport tube, cable and pum	p.		steel, for connection of tube	
	Capacity 60 - 200 m tube. Incl. holder for submersible pump,			with Ø 18x13 mm to submersible pump MP1	
	5 leather straps to fix tube on		**10.01.13	Strap for e.g. tightning	1
	reel and mounting instructions	;		filter gauze, bag of 100 pcs.	
**99.13	Generator, max. power	1	**12.27.14	ooling jacket, for adaption	1
	3700 W, continuous power:			of submersible pump MP1 to	
	3300 W, 230V 50 Hz, tank capacity 17 l, run duration 8.8	brc		monitoring wells with a Ø larger than 75 mm	
	Dimensions 580x477x508 mm.		**12.27.19	Hose reel cart large, to	1
	Incl. oil level guard		12.27.13	transport tube, cable and pump.	
**99.13.03	Collector box, synthetic, to place			Capacity 60 - 200 m tube. Incl.	
	generator when working in the			holder for submersible pump,	
	field (to prevent petrol- and oi leakage). Dimensions:	I		5 leather straps to fix tube on	
	80x60x12 cm		**99.13	reel and mounting instructions Generator, max. power	1
**99.13.01	Insulation guard to protect	1	55.15	3700 W, continuous power:	'
	electrical apparatus which are			3300 W, 230V 50 Hz, tank	
	connected to a generator. Obli	ged		capacity 17 l, run duration 8.8 hrs	i.
	acc. to NEN1010 for generator	6		Dimensions 580x477x508 mm.	
	2000 VA or more. Not suitable mains voltage with rim earthin		**99.13.03	Incl. oil level guard Collector box, synthetic, to place	1
	Incl. adapter cable with euro-p	-		generator when working in the	I
	(DIN49441/CEE7)			field (to prevent petrol- and oil	
	_			leakage). Dimensions:	
12.27.SE	Submersible pump set, for			80x60x12 cm	
	purging/sampling monitoring	-	**99.13.01	Insulation guard to protect	1
	wells to a depth of 90 m and			electrical apparatus which are connected to a generator.	
1	inside Ø from 50 mm, pressu			÷	
	head lift 26 m Cot with num	n		Obliged acc. to NEN1010 for	
	head lift 86 m. Set with pum MP1, converter,generator,	р		Obliged acc. to NEN1010 for generator 2000 VA or more.	



Art.no.	Description	Qty. in set	Art.no.	Description	Qty. in set
	with rim earthing. Incl. adapt cable with euro-plug (DIN49441/CEE7)	er	12.27.24	2 cable clamps, length 20 Suspension cable, stainles for submersible pump, ind 2 cable clamps, length 40	s steel, cl.
	To compose customer specif submersible pumps set MP1 a choice can be made out o	1,	12.27.26	Suspension cable, stainles steel, for submersible pur 2 cable clamps, length 80	s steel np, incl.
	the following components:		12.27.29	Suspension cable, stainles for submersible pump, in	s steel, cl.
	Pumps with electricity cable (different lengths):	2		2 cable clamps, length 90	
12.27.02	Submersible pump MP1, centrifugal type f. purging/		12.27.13	Tube connection, stainless	s steel.
	sampling monitoring wells, stainless steel 316, pressure head lift max. 86 m, adjust.			for connection of tube w Ø 18x13 mm to submersik pump MP1	ith
	cap. Till max. 1.8 m³/h, 220 V 1.1 kW, for connection to		12.27.32	Tube, teflon, Ø 18x13 mm roll of 20 m	۱,
	frequency converter, pump Ø 45 mm, 287 mm long.		12.27.34	Tube, teflon, Ø 18x13 mm roll of 40 m	١,
12.27.04	Teflon cable 20 m Submersible pump MP1,		12.27.36	Tube, teflon, Ø 18x13 mm roll of 60 m	١,
	centrifugal type f. purging/ sampling monitoring wells,		12.27.38	Tube, teflon, Ø 18x13 mm roll of 80 m	١,
	stainless steel 316, pressure head lift max. 86 m, adjust. cap. Till max. 1.8 m ³ /h, 220 V		12.27.39	Tube, teflon, Ø 18x13 mm roll of 90 m	١,
	1.1 kW, for connection to frequency converter, pump			PE tube with accessorie	s:
12.27.06	Ø 45 mm, 287 mm long. Teflon cable 40 m Submersible pump MP1,		12.27.16	Tube connection, stainless steel, for connection of to with Ø 10x12 mm to	
12.27.00	centrifugal type for purging/ sampling monitoring wells,		12.20.13	submersible pump MP1 Polyethylene tube,	
	stainless steel 316, pressure head lift max. 86m, adjust. cap. till max. 1.8 m³/h, 220V			Ø 10x12 mm, roll of 75 m with ETU-hallmark	,
	1.1 kW, for connection to frequency converter, pump Ø 45 mm, 287 mm long. Teflon cable 60 m		12.27.17	Tube connection, stainless steel, for connection of tube with Ø 12x16 mm to submersible pump MP1	
12.27.08	Submersible pump MP1, centrifugal type f. purging/ sampling monitoring wells,		12.20.16	Polyethylene tube, Ø 12x16 mm, roll of 50 m with ETU-hallmark	,
	stainless steel 316, pressure head lift max. 86 m, adjust.		12.20.17	Polyethylene tube, Ø 12x16 mm, roll of 100 r	n,
	cap. Till max. 1.8 m ³ /h, 220 V 1.1 kW, for connection to frequency converter, pump		12.27.15	with ETU-hallmark Tube connection, stainless steel, for connection of	
	Ø 45 mm, 287 mm long. Teflon cable 80 m steel 316, pressure head lift max. 86 m,		12.20.20	tube with Ø 16x20 mm to submersible pump MP1 Polyethylene tube,	
	adjust. cap. Till max. 1.8 m³/h, 220 V 1.1 kW, for connection to frequencyconverter, pump			Ø 16x20 mm, roll of 50 m with ETU-hallmark	,
	Ø 45 mm, 287 mm long. Teflon cable 90 m			Other requirements:	
	Installation cables with accessories (different length	hs):	12.27.40	Frequency converter to control submersible pump MP1, frequency adjustme between 46-405 Hz. Conr	nt
12.27.12	Flange stainless steel, for connection of suspension cable to pump			to 230 Volt 50 Hz 2.2 kVA minimal. Maximum load 1.5 kW, IP21 protection (c	
12.27.22	Suspension cable, stainless ste for submersible pump, incl.	eel,	12.27.41	proof), incl. cable/plug Stand with bad weather protection for frequency	





Art.no.	Description Qty in s		Description	Qty. in set
	converter. Protection IP23 (rainwater tight)	**12.12.08	Boosterpump, in-line, ABS/ stainless steel, Ø 36 mm, ma flow rate 8 l/min, pressure l	
12.27.14	Cooling jacket, for adaption of submersible pump MP1 to		lift 10 m (at final voltage 12 with 0.3 m PVC coated cabl	2 Volt),
	monitoring wells with a Ø larger than 75 mm	**12.12.11	set of 3 pcs. Sealed crimp splices, polyan	
12.27.18	Hose reel cart small, to transport tube, cable and		set of 10pcs for making wat proof cable extension (1.5-2.5 mm ²).	ter-
	pump. Capacity till 60 m tube. Incl. holder for submersible pump, 5 leather straps to fix	**12.12.12	Cable for extension of dip pump cables, 2x1.5 mm ² , pv coated, roll of 100 m	1 /c
	tube on reel and mounting instructions	**12.20.13	Polyethylene tube, Ø 10x12 mm, roll of 75 m,	1
12.27.19	Hose reel cart large, to transport tube, cable and	**12.25.02	with ETU-hallmark Lead-acid battery,	1
	pump. motor- and suspension cable with straps and completely mounting on hose reel cart.	**12.25.22.01	maintenance free Battery charger 230V - 50H For 12V lead batteries, max	
	No guarantee on cleanness of hose/cable bundle outside and pump		charging current 1A. Wipla plugs for connection on bat 12.25.02. For charging peri	ttery
	Spare parts + repairs:		pump 12.25 (from serial no. 98000300, Jan. '98) in comb with cable 12.25.22.02	
12.27.11	Service kit for submersible pump MP1 (impellers with		Individual pumps:	
	pump chambers), incl. assembly instructions	12.12.06	Submersible pump "Gigant	" <i>,</i>
12.27.43	Submersible pump MP1, centrifugal type f. purging/ sampling monitoring wells, stainless steel 316, pressure		ABS/Inox, Ø 36mm, max. capacity 8 l/min, pressure head lift 10 m (at final volta 12 Volt), with strainer, with	5 m
	head lift max. 86 m, adjust. cap. Till max. 1.8 m ³ /h, 220 V 1.1 kW, for connection to frequency converter, pump Ø 45 mm, 287 mm long. Without cable	12.12.08	PVC coated cable, set of 3 p Boosterpump, in-line, ABS/ stainless steel, Ø 36 mm, ma flow rate 8 l/min, pressure H lift 10 m (at final voltage 12 Volt), with 0.3 m PVC co	ax. nead
12.27.49	Cable fitting parts, set for connection of cable to submersible pump MP1		cable, set of 3 pcs. Accessories to extend the	•
12.27.99	Loan frequency converter		electricity cable of the pu	
	to control submersible pump MP1, frequency adjustment between 46-405 Hz	12.12.11	Sealed crimp splices, polyan set of 10pcs for making wat proof cable extension (1.5-2.5 mm ²),	
12.12.SA	Submersible pump set, low costs. Complete set for monitor wells Ø 40 mm, consisting of submersible pump "Gigant" (3)		Cable for extension of dip pump cables, 2x1.5 mm ² , pv coated, roll of 100 m Sampl tube for the pumps:	
	booster pump (3x), extension cable, sample tube and battery with battery-charger. For samp		Polyethylene tube, Ø 10x12 mm, roll of 75 m, with ETU-hallmark	
	till a depth of 14.5 m. We supply a complete	12.20.16	Polyethylene tube, Ø 12x16 mm, roll of 50 m,	
	submersible pump set (standard set):		with ETU-hallmark	
**12.12.06	Submersible pump "Gigant",	1	Accessories for the power supply (2 options):	r
	ABS/Inox, Ø 36mm, max. capacity 8 l/min, pressure head lift 10 m (at final voltage 12 Volt), with strainer, with 5 m	12.25	Peristaltic pump 12 Vdc, specially suited for use in the field, micro-processor	
	PVC coated cable, set of 3 pcs.		controlled, with 3 memory	



Art.no.	Description	Qty. in set	Art.no.	Description	Qty. in set	
	functions for fixed rate revolution. CE-approve Strong IP64 housing. Membrane keypads co Incl. built-in battery 12 Excl. charger	d. ntrol.				
12.25.02	Lead-acid battery, mair free, plugs for connect battery 12.25.02. For cl peristaltic pump 12.25 serial no. 98000300, Ja in combination with ca 12.25.22.02	ion on narging (from n. '98)				
12.08	Water pump with cor engine, type WX-10, suction head lift max head lift 35 m, incl. q couplings	1.64 kW, . 7 m, total uick				
12.08.01	Accessories for samples Suction/pressure hose, Ø 32x25 mm, length 12 incl. footvalve and quie	2.5 m,				
99.08.07	couplings Sample bottle, brown g wide neck, screw cap v insertion, 1000 cc, set c	vith teflon				
						Eijkelkamp)
						Agrisearch Equipment www.eijkelkampp.coom

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