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Accessories for Softening Systems



The **SG 298** residual hardness monitoring unit is intended to be installed in the soft water pipeline and consists of a sensor based on resin extension and shrinking, with a potential-free contact (e.g. RO systems), or for use of an acoustic or visual warning signal.



Testomat 2000 for monitoring of the max. allowed residual hardness after Evoqua water softening systems by periodic chemical analysis with threshold indicators (titration and colorimetric determination).

Specifications		SG298 3/4"	SG298 1"	Testomat 2000 3/8"
Max. flow rate	l/h	3600	6500	-
Max. differential pressure	bar	0.2	0.2	-
Power supply	V / Hz	230 / 50 - 60	230 / 50 - 60	230 / 50
Operating pressure		10	10	10
Automatic measuring interval	minutes	continuous	continuous	5, 10, 20, 30
Max. operating temperatures		-	-	45
Dimensions (H x W x D)		600 x 300 x 100		480 x 380 x 280
Item code		W2T524701	W2T524569	W2T524766
Spare tubes for SG-298		W2T524568	W2T524568	-
Connecting parts set for Testomat		-	-	W3T315762
Residual hardness indicator 500 mL at 0.3°dH		-	-	W2T524765

Additional Accessories

Regenerating salt Broxo, bag with 25 kg	W2T524662
Regenerating salt, 10 kg, only for 08LF (W3T380538)	W2T526793
Total hardness measuring set (°dH) GH-1; 15 ml	W2T524727

Accessories

ITEM CODE	DESCRIPTION
W2T524664	Mixed bed resin in containers with 25 liters
W2T828181	Water detector 1.2 m³/h
W2T808004	Water detector with sensor, 3/4" tube fitting, 6.8 m³/h
W2T808003	Water detector with sensor, 1" tube fitting, 16 m³/h
W3T331762	Threaded electrode (c = 0.2)
W2T525642	Threaded electrode (c = 0.2), temperature compensated (TC)
W3T198259	Quick coupler conversion kit for ion exchangers and tubing sets
W3T197586	Quick coupler conversion kit only for ion exchangers
W3T347290	VB4 pure water dispenser, POM, 4 valves
W3T197588	Solenoid valve 220 V / 50 Hz DN 10
W3T204904	Floating switch, 250 V, 10 A
TUBING SETS WITH QUICK COUPLER SK	
W3T199302	For SG 2000 - SG 15000 SK 2 x 1.5 m, quick coupler only for P2/30 with electrode
W3T199289	For SG 2000 - SG 15000 SK with electrode 2 x 1.5 m, quick coupler, electrode (c = 0.2) for P1/50 or LFW200
W3T199288	For SG 2000 - SG 15000 SK with electrode, temperature compensated 2 x 1.5 m, quick coupler, electrode (c = 0.2) only for LFW200
TUBING SETS WITH TUBE FITTINGS	
W3T198103	For SG 2000 - SG 6200 3/4" 2 x 1.5 m, 3/4" threaded fitting only for P2/30 with electrode
W3T197682	For SG 2000 - SG 6200 3/4" with electrode 2 x 1.5 m, 3/4" threaded fitting, electrode (c = 0.2) for P1/50, LFW200
W3T198041	For SG 2000 - SG 6200 3/4" with electrode, temperature compensated (TC) 2 x 1.5 m, 3/4" threaded fitting, electrode (c = 0.2) only for LFW200
W3T199844	For SG 7000 - SG 15000 1 1/4" with electrode 2 x 1.5 m, 1 1/4" threaded fitting, electrode (c = 0.2) for P1/50, LFW200
W3T198267	For SG 7000 - SG 15000 SK 1 1/4" with electrode, temperature compensated (TC) 2 x 1.5 m, 1 1/4" threaded fitting, electrode (c = 0.2) only for LFW200

Membrane Degassing



Excess concentrations of dissolved gasses in water can lead to water treatment systems malfunctioning, leading to an increase of operating costs. Water-dissolved CO₂ cannot be retained by the membrane in a reverse osmosis system and therefore damages downstream components (EDI systems / mixed bed ion exchangers). Thus, the service life of ion exchangers is decreased and operating costs are increased. In EDI systems, excess CO₂ results in an impairment of the continuous regeneration process. CO₂ degassing systems are a low-maintenance and chemical-free solution. An additional particulate filter is recommended to protect the system (approx. 5 µm).

SPECIFICATIONS		CO ₂ DEGASSING 150	CO ₂ DEGASSING 5000
Delivery flow rate	l/h	0.1 - 150	120 - 5000
Feed water pressure	bar	0.5 - 3.5	0.5 - 5.2
CO ₂ degassing performance, based on volume flow and gas concentration	%	30 - 98	50 - 98
Membrane surface	m ²	1.4	53
Power supply	V/Hz	100 - 240 / 50 - 60	3 x 400 / 50
Power consumption	W	30	300
Dimensions (H x W x D)	mm	380 x 360 x 170	1540 x 450 x 423
Item code		W3T314413	W3T262426

Small Storage Tanks for Ultra Clear® and LaboStar® Series



Storage tanks with conical bottom for pure water are constructed from polyethylene to minimise the release of organics. Vent filters prevent the ingress of airborne impurities. Further accessories see below. Level control with pressure sensor (4 - 20 mA).

SPECIFICATIONS		30 LITERS	60 LITERS	80 LITERS
Material		Polyethylene (PE)	Polyethylene (PE)	Polyethylene (PE)
Capacity	l	30	60	85
Tank inlet		5/16"	5/16"	5/16"
Product water outlet		3/4"	3/4"	3/4"
Pump rate	l/min	-	1.5	12 / 8
Pressure	bar	-	2	3 / 4
Weight	kg	approx. 7	9.5 (11 with pump)	approx. 20
Tank lid	Ø mm	110	110	110
Dimensions (H x W x D)	mm	560 x 310 x 310	560 x 560 x 310	820 x 345 x 520
Item code		W3T324512	W3T324513	-
Tank with pump 1.2	l/min	-	-	W3T324514
Tank with pump 1.5	l/min	-	W3T355215	-
Tank with pump 8	l/min	-	-	W3T324515
ACCESSORIES				
Vent filter kit		W3T199596	W3T199596	W3T199881
CO ₂ / Vent filter kit		W3T197552	W3T197552	W3T199837
UV kit		W3T324529	W3T324529	W3T339692
Vent filter / UV kit		W3T339723	W3T339724	-
CO ₂ / UV kit		W3T339714	W3T339715	-
Wall bracket		W3T199991	W3T197563	-
CONSUMABLES				
CO ₂ / Vent replacement		W3T199197	W3T199197	W3T199197
Vent filter, replacement		W2T526554	W2T526554	W2T526554
UV replacement bulb		W2T558519	W2T558519	W2T558519

Large Storage Tanks 100 - 3000 l



Our storage tanks are constructed from polyethylene for pure water storage. The tanks are opaque to prevent algal growth. The water level is electronically monitored (via pressure sensor 4 - 20 mA).

CAPACITY* (LITERS)	DOM APERTURE (MM)	SAFETY OVERFLOW	DIMENSIONS MM (L X W X H)	ITEM CODE
100	160	DN 25	450 x 810	W3T199977
200	160	DN 25	550 x 1040	W3T199996
300	160	DN 25	650 x 1080	W3T197508
500	160	DN 25	770 x 1230	W3T198133
750	225	DN 25	720 x 720 x 1700	W3T198836
1000	225	DN 25	780 x 780 x 1940	W3T198753
1650	400	DN 32	2085 x 720 x 1400	W3T199591
2000	400	DN 32	2180 x 760 x 1700	W3T199890
3000	400	DN 32	2390 x 850 x 1980	W3T199834

* further tanks available on request

Optional Accessories Storage Tanks

ITEM	DESCRIPTION	DIMENSION	ITEM CODE
Water lock D32	Overflow with built-in water lock, PVC, filling connection 1" external thread with dummy cap, e.g. to add diluted H ₂ SO ₄ solution	DN 32	W3T197583
Water lock D40		DN 40	W3T197752
Vent filter VT2 (for max. 1500 L/h)	Vent filter VF2 for 100 to 1500 L tanks with a withdrawal rate of up to 1.5 m ³ /h	-	W3T198123
CO ₂ trap CT2, including vent filter (installation kit, for max. 1500 L/h)	Filter case 10" with adsorption filter cartridge, filled with hydrated lime to bind CO ₂ from the external atmosphere, for venting of storage tanks at a pump rate of max. approx. 3 m ³ /h. Bacteria are removed to reduce microbiological contamination of the storage tank water.		W3T197784
CO ₂ trap, including vent filter (installation kit, external, 3000 L/h)		DN 25	W3T197784
Level sensor installation kit, 200 mbar 3.5 m for >= 80 L tanks	Level sensor for controlling the RO system; 4 - 20 mA	R 1/4"	W3T199393
Level sensor installation kit, 200 mbar 3.5 m for <= 100 L tanks		G 1" IG	W3T348642
Level sensor adapter cable	for all OF systems		W3T430939
UV immersion lamp, 15 Watts, for max. 1 m ³	Immersion lamp in a special quartz protection tube, incl. ballast in a polycarbonate housing; 254 nm wave length		W3T198141
UV immersion lamp, 18 Watts, for max. 2 m ³			W3T199833
UV immersion lamp, 38 Watts, for max. 3 m ³			W3T197502

Evoqua Pressure Booster Systems



Evoqua pressure booster systems are ready-to-be-installed water supply systems consisting of a self-priming membrane pump with an overflow valve, a pressure reducer to set the working pressure with a manometer, and a simple On/Off automatic switch.

SPECIFICATIONS		150 L/H	500 L/H
Flow rate	l/h	up to 150 flow controlled	up to 500 pressure controlled
Transfer pressure	bar	0.5 - 3.0	1.5 - 3.5
Media temperature	°C	1 - 35	1 - 35
Booster pressure	bar	0 - 2.0	0 - 2.0
Voltage	V / Hz	100 - 240 / 50 - 60	100 - 240 / 50 - 60
Power consumption	W	90	184
Dimensions (H x W x D)	mm	370 x 368 x 154	310 x 460 x 141
Fittings		3/4"	3/4"
Mounting options		Wall and floor	Wall
Item code		W3T314557	W3T362922

Grundfos Pressure Booster Systems

Evoqua partners with Grundfos, one of the world's leading pump manufacturers, to deliver a large variety of pumps. Further pumps available on request.



SPECIFICATIONS		SCALA	MONO I	MONO II	HAT I	HAT II	HAT III
Flow rate	m ³ /h	3	2.0	3.7	2 x 1.6	2 x 3.4	2 x 6.6
Max. transfer pressure	bar	2.7	4.4	6.0	6.0	6.4	6.6
Max. media temperature	°C	45	20	20	60	60	60
Voltage	V/Hz	200-240 / 50	200-240 / 50	200-240 / 50	3 x 400 / 50	3 x 400 / 50	3 x 400 / 50
Power input	A	2.8	6.7 - 5.6	9.1 - 7.6	6.7 - 5.6	6.7 - 5.6	4.15 - 3.4
Power consumption	KW	1.1	1.5	1.1	1.1	1.1	1.2
Dimensions (H x W x D)	mm	404x193x302	495x240x395	495x240x395	546x1200x257	546x1200x257	546x1200x257
External fitting / DS		1"-3/4"	1 1/4"-3/4"	1 1/4"-3/4"	1 1/4"-1"	1 1/4"-1"	1 1/4"-1"
Item code		W3T390454	W2T812008	W2T812009	W2T812010	W2T812011	W2T812012

UV Disinfection / Oxydation TOC Systems



The lamp is used for disinfection of clear, colorless, iron- and manganese-free water. The UV lamp in its pressure-resistant quartz tube sits in an electropolished stainless steel housing (1.4301) and is suitable for horizontal and vertical installation in pipelines.

The unusually high disinfection rate is supported by volume deflection.

The controller with its integrated operating hours meter is built into a separate plastic housing and is connected with the UV lamp via a connecting cable.

Control unit for UV disinfection systems available (option).

UV DISINFECTION		UV 09	UV 14	UV 33
Power	W	16	25	36
Illumination	J/m ²		250 / 400 / 1200	
Flow rate	m ³ /h	1.0 / 0.9 / 0.35	1.8 / 1.4 / 0.55	4.5 / 3.3 / 1.3
Wavelength	nm		254	
Max. operating pressure	bar		10	
Max. water temperature	°C		40	
Power supply	V/Hz		230 / 50 - 60	
Item code		W3T199855	W3T199588	W3T199987
Replacement lamp		W2T525543	W2T525476	W3T199832

UV DISINFECTION WITH TOC REDUCTION		UV TOC 06	UV TOC 11	UV TOC 15	UV TOC 19	UV TOC 38	UV TOC 63
Power		25	36	36	60	170	170
Nominal flow	m ³ /h	0.6	1.1	1.5	1.9	3.8	6.3
Illumination	J/m ²			1200			
Wavelength	nm			254 / 185			
Max. operating pressure	bar			10			
Max. water temperature	°C			35			
Connection		3/4"	1"	1 1/4"	1 1/4"	2"	2"
Power supply	V/Hz			230 / 50 - 60			
Item code		W3T199989	W3T199590	W3T199746	W3T199612	W3T197569	W3T199217

ACCESSORIES

Control unit for UV disinfection systems **W2T861630**

Filter Housing and Cartridges

FILTER HOUSING WITH WALL MOUNT AND FILTER CUP WRENCH



SIZE	DESCRIPTION	ITEM CODE
5"	Filter housing FG 5, polypropylene blue	W3T198845
10"	Filter housing FG 10, polypropylene blue	W3T198183
10"	Filter housing FG 10n, polypropylene clear	W3T197545
10" BB	Filter housing FG10 Big Blue	W3T197546
20"	Filter housing FG 20, polypropylene blue	W3T198543
20"	Filter housing FG 20n, polypropylene clear	W3T197917
20" BB	Filter housing FG 20 Big Blue	W3T198809

FILTER CARTRIDGES



SIZE	DESCRIPTION	ITEM CODE
5"	Fine filter cartridge, 1 µm	W2T526552
5"	Fine filter cartridge, 5 µm	W2T526534
5"	Fine filter cartridge, 20 µm	W3T199755
5"	Active carbon / fine filter cartridge GAC	W2T526541
10"	Sterile filter cartridge, 0.2 µm	W2T526539
10"	Fine filter cartridge, 1 µm	W2T524613
10"	Fine filter cartridge, 5 µm	W2T526537
10"	Fine filter cartridge, 5 µm, Big Blue	W2T526551
10"	Fine filter cartridge, 20 µm	W2T526540
10"	Active carbon / fine filter cartridge ACB	W2T526933
10" BB	Active carbon cartridge Big Blue	W2T526535
20"	Sterile filter cartridge, 0.2 µm	W2T526544
20"	Fine filter cartridge, 1 µm	W2T526550
20"	Fine filter cartridge, 5 µm	W2T526545
20" BB	Fine filter cartridge, 5 µm, Big Blue	W2T526549
20"	Active carbon / fine filter cartridge 1 µm GAC	W2T526536
20" BB	Active carbon	W2T526313

CARTRIDGE FILTER SET WITH WALL MOUNT AND FILTER CUP WRENCH



SIZE	DESCRIPTION	ITEM
10"	FG 10" x 2.1 µm / 0.2 µm / 2 manometers	W3T203779
20"	FG 20" x 2.1 µm / 0.2 µm / 2 manometers	W3T197547
10"	FG 10" x 2, ACB / 5 µm	W3T198846
20"	FG 20" x 2, ACB / 5 µm	W3T197918
10" BB	AK / 5 µm 10" Big Blue	W3T198185
20" BB	AK / 5 µm 20" Big Blue	W3T197748



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