The AQUACON Touchscreen series

Automatic process analysers with touchscreen - for potable water, boiler water and cooling water

The new AQUACON process analyser series consists of a control unit with touchscreen and an analysis unit with measuring chamber, valve, dosing pumps and all required tube connections.

The control unit with a powerful microprocessor takes care for the automatic procedure of analysis. The analysis results can be used for the monitoring/control of a supervised process.

- Very good cost-benefit relationship,

- reliable and easy operation,

- high resolution,

- adjustable limit and alarm value,

- programmable analog recorder output (0/4-20 mA), optional with USB port

- adjustable break time between two analysis (1 - 99 min),

- external start/stop of an analysis possible,

- low consumption of reagents and sample water,

- automatic operation incl. self test and drift compensation,

- no external calibration required.

Your advantages

- International version with touchscreen, mounted in two polycarbonate wall cabinets (size: appr. 640 x 315 x 190 mm)

- External connections with IP65 protected plug connected plugs (for alarm relay, limit relay, analysis relay, external start/stop, analog output 0/4-20 mA)

- Multi range power supply (110 – 230 Volt, 50 – 60 Hz) for the variable use

AQUACON process analysers are available as photometers, titrators and ion-selective analysers. They can be used for the monitoring and control of several parameters in cooling towers, boiler houses and water treatment plants.

Parameter	Type	Range	Order No.
AQUACON titrators			
Residual hardness	AQUACON RH-S	1,0 – 10 μmol/l	693 2702 02
	AQUACON RH	0,5 – 9 ppm CaCO3	693 2705 01
Total Hardness	AQUACON GH05	4 – 70 ppm CaCO3	693 2764 01
	AQUACON GH10	30 – 350 ppm CaCO3	693 2765 01
	AQUACON GH20	50 – 900 ppm CaCO3	693 2766 01
Carbonate Hardness	AQUACON CH10	0,3 – 10 °dH	693 2854 01
	AQUACON CH20	0,6 – 20 °dH	693 2855 01
+/- m-Value	AQUACON +m10	0,1 – 3,5 mmol/l	693 2744 02
	AQUACON +m20	0,2 – 7,0 mmol/l	693 2745 02
	AQUACON -m10	0,1 – 3,5 mmol/l	693 2774 02
	AQUACON -m20	0,2 – 7,0 mmol/l	693 2775 02
+/- p-Value	AQUACON +p10	0,1 – 3,5 mmol/l	693 2744 03
	AQUACON +p20	0,2 – 7,0 mmol/l	693 2745 03
	AQUACON -p10	0,1 – 3,5 mmol/l	693 2774 03
	AQUACON -p20	0,2 – 7,0 mmol/l	693 2775 03
Chlorine dioxide	AQUACON CLO2	0,02 – 0,5 ppm	693 2730 01
AQUACON photometers			
Chlorine (free or total)	AQUACON CL2	0,02 – 2 ppm	693 2725 01
Chlorine (free and total)	AQUACON CHLOR	0,02 – 2 ppm	693 2725 02
Chlorite	AQUACON CHORIT	0,02 – 1 ppm	693 2740 01
Hydrazine	AQUACON N2H4	0,02 – 1 ppm	693 2795 01
Iron	AQUACON Fe10	10 – 500 ppb	693 2754 01
	AQUACON Fe20	0,1 – 20 ppm	693 2755 01
Ortho phosphate	AQUACON PO4-10	0,05 – 10 ppm	693 2784 01
	AQUACON PO4-20	0,5 – 50 ppm	693 2785 01
Silica (Si)	AQUACON Si05	2 – 100 ppb	693 2733 01
	AQUACON Si10	2 – 500 ppb	693 2734 01
	AQUACON Si20	0,01 – 1,5 ppm	693 2735 01
Silicic Acid (SiO2)	AQUACON SiO2-01	1 – 100 ppb	693 2732 02
	AQUACON SiO2-05	4 – 200 ppb	693 2733 02
	AQUACON SiO2-10	4 – 999 ppb	693 2734 02
	AQUACON SiO2-20	0,02 – 3,0 ppm	693 2735 02
Sulphite	AQUACON SO3-10	0,5 – 20 ppm	693 2864 01
Polyacrylate	AQUACON PA10	1,0 – 20 ppm	693 2814 01
	AQUACON PA20	10 – 150 ppm	693 2815 01
AQUACON ion-sensitive			
Fluoride	AQUACON F10	0,1 – 10 ppm	693 7104 01
	AQUACON F20	1 – 100 ppm	693 7105 01
	AQUACON F30	5 – 500 ppm	693 7106 01
Other parameters (Ca2+, NH4+, NH3, NO3, pH...) or ranges on request. Technical data and specifications subject to change.			