

	<h1>TARAsys MT10-CL</h1>
Application	<ul style="list-style-type: none"> - Permanent monitoring of the absence of chlorine - Continuous measurement of lowest chlorine concentrations ¹ <p>Application examples: drinking water, waste water, reverse osmosis</p>
Functional principle	<p>Measuring panel for amperometric sensors from Reiss GmbH with automatic disinfection function</p> <p>The following functions are integrated in the controller:</p> <ul style="list-style-type: none"> • Control (PID-controller) • Display (5.5"-TFT colour screen with touch function) • Record (integrated screen recorder)
Dimensions (W x H x D)	690 mm x 450 mm x 150.5 mm (incl. structure)
Material base plate	Stainless steel 1.4301
Power supply (power supply unit 24 V)	100 - 240 VAC, 50/60Hz
Max. allowed working pressure	1 bar, no pressure impulses and/or vibrations
Working temperature	Measuring water temperature: 0 ... +45 °C (no ice crystals in the measuring water)
	Ambient temperature: 0 ... +55 °C
Suitable sensors (not included in the scope of delivery!)	TARAline CP4.0H-M4c (Art. no. 10501002.2-1)
Electrolysis cell	TARAcell Electrolysis cell CEZ1.0 (see separate data sheet)
Controller	AQUIS touch S (24 V version) https://en.jumo.de/202581/8-02-0-0-0-0-00-00-00-00-00-25-00-08-2/213,214,061,962
Magnetic valve	2/2-way ES-solenoid valve G 1/4", 0 - 15 bar, NO (24 V version) www.landefeld.de/en MO 214 ES 24V=

¹ Accuracy 3 ppb

Measurement conditions

- Chlorine concentration 20 ppb / pH-value 7.2 / Temperature 25°C / Sensor TARAline CP4.0H-M4c

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Flow chamber	Material	PMMA polished, beveled edges	
	Flow indicator	Material PEEK nature Up at a flow rate of approx. 15 l/h	
	Hose connections	Inlet / outlet: screwing ¼" straight for 6/8 hose with o-ring Material PA grey	
	Insertion opening for sensor	1 ¼ "-inside thread for amperometric sensor	
	Sample valve	Needle valve with knurl (Position: right side below outlet) Material PVC grey	
Flow control	Inductive proximity switch (see separate data sheet)		
Transport	+5 ... +50 °C, shockproof transport		
storage	<ul style="list-style-type: none">- Store in a dry and clean environment at +5 ... +40 °C- Comply with the permissible ambient conditions of the following parts:<ul style="list-style-type: none">o AQUIS touch S, operating instructionso Electrolysis cell, data sheet		
		EMC-Testing DIN EN 61326-1, 61326-2-3, 63000 RoHS compliant	

(Subject to technical changes!)