

	<h1>TARAsys MT10-CL</h1>
<p>Application</p>	<ul style="list-style-type: none"> <li>- Permanent monitoring of the absence of chlorine</li> <li>- Continuous measurement of lowest chlorine concentrations <sup>1</sup></li> </ul> <p>Application examples: drinking water, waste water, reverse osmosis</p>
<p>Functional principle</p>	<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"> <li>• Control (PID-controller)</li> <li>• Display (5.5"-TFT colour screen with touch function)</li> <li>• Record (integrated screen recorder)</li> </ul>
<p>Dimensions (W x H x D)</p>	<p>690 mm x 450 mm x 150.5 mm (incl. structure)</p>
<p>Material base plate</p>	<p>Stainless steel 1.4301</p>
<p>Power supply (power supply unit)</p>	<p>100 - 240 VAC, 50/60Hz</p>
<p>Max. allowed working pressure</p>	<p>1 bar, no pressure impulses and/or vibrations</p>
<p>Working temperature</p>	<p>Measuring water temperature: 0 ... +45 °C (no ice crystals in the measuring water)</p>
	<p>Ambient temperature: 0 ... +55 °C</p>
<p>Suitable sensors (not included in the scope of delivery!)</p>	<p>TARAline CP4.0H-M4c (Art. no. 10501002.2-1)</p>
<p>Electrolysis cell</p>	<p>TARAcCell Electrolysis cell CEZ1.0 (see separate data sheet)</p>
<p>Controller</p>	<p>AQUIS touch S</p>
<p>Magnetic valve</p>	<p>2/2-way ES-solenoid valve G 1/4", 0 - 15 bar, NO</p>

<sup>1</sup> 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 1/4" straight for 6/8 hose with o-ring Material PA grey
	Insertion opening for sensor	1 1/4"-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"> <li>- Store in a dry and clean environment at +5 ... +40 °C</li> <li>- Comply with the permissible ambient conditions of the following parts: <ul style="list-style-type: none"> <li>o AQUIS touch S, operating instructions</li> <li>o Electrolysis cell, data sheet</li> </ul> </li> </ul>	
	EMC-Testing DIN EN 61326-1, 61326-2-3, 63000 RoHS compliant	

(Subject to technical changes!)