



## AquaSens

### Cu-Pt measuring-cell with Armature

### Cl<sub>2</sub>, Ozon, Brom

In water cleaning treatments, drinking water, bath water and waste water as well as several industrial applications an exact and stabile disinfectant measuring and -dosing is of great importance.

Our measuring principle guarantees a reliable and exact dosing. The flow-through-armature is prepared to hold a pH-electrode, a RedOx-electrode, a temperature sensor and a flow-through guard. This extension of the measuring system is very simple to realise.

The AquaSens works completely without any electronic components, who makes the instrument secure on disruptions. The WaterController 06/07 converts the AquaSens signal in a digital and an analogue information.

The measuring principle is based on a 2-electrode-cell which includes a working-electrode (Cu) and a reference-electrode (Pt). This continuous amperometric measurement works without membrane which is increasing the sensitivity. The special armature is ensuring a continuous flow through of the probe and guarantees a simple cleaning of the working-electrode without mechanical support. The armature and measuring-cell together forms a compact and efficient disinfectant measuring system.

#### Technical data

<b>Sensor</b>	Masuring principle	Amperometric
	Measuring electrode	Copper-Platinum
	Measuring range	0-10mg/l
	Sensitivity	Less than 0.01mg/l
	Cleaning	Continuous with sand
<b>Armature</b>	Flow rate	Approx. 35l/h, adjustable
	Flow pressure	Max. 5 bar
	Pressure regulating	Automaticly
	Material of armature	PVC/Plexiglas
	Weight	Approx. 1kg

#### Sensor features

