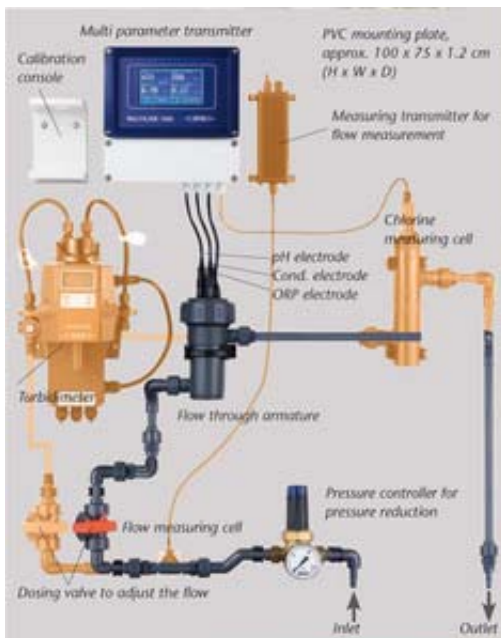


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## Multi-parameter System

### MULTILINE 1000



- Multi-parameter system for measurement of pH/ORP, D.O. conductivity, turbidity, free and total chlorine
- Intuitive menu navigation
- Excellent cost/performance ratio
- No chemical consumables needed

With up to 6 individually configurable measuring channels, the MULTILINE 1000 terminal is a very flexible measuring system for drinking water analysis. The system is pre-assembled on a wall mounting panel for immediate use. Just connect the power and sample flow – and it's ready to go.

- Digital interface (RS 232/RS 422/RS 485)
- 4 x 0/4 ... 20mA outputs
- 4 x potential-free relays for limit value/alarm function (timer function programmable)
- Metal housing, protection class IP 65
- Large backlit display with touch screen

#### Correctly dosed: chlorine measurements

For disinfection monitoring, three amperometric type chlorine electrodes are available.

- Free chlorine: The FCML 412 is suitable for measurements with changing pH values (pH 4 ... 9, pH compensation integrated in the sensor).
- Free chlorine: The FCML 68 is suitable for measurements with a relatively constant pH value of approximately pH 7\*).
- For total chlorine, the TCML is available.

All measuring cells are supplied with the D-CI flow-through armature.

*\*) If the pH value is measured simultaneously, the measured value can be pH-compensated via the MULTILINE 1000.*

#### High precision measurement: pH, Cond, ORP

The flow-through armature has three slots for 13.5 screw threads. Integrated in the screw

coupling, all three built-in sensors can be removed together and thus be rapidly and easily calibrated or serviced with the aid of the calibration console.

- SenTix® ML 70 combination electrode

pH combination electrode optimized for drinking water, with gel electrolyte and S7 plug connector

- LR ML conductivity cell

Very robust synthetic two electrode cell with a large measuring range of 0.1 to 20 mS

- SenTix® ML ORP combination electrode

ORP combination electrode for exact ORP measurement

### Constant flow: flow measurement

The flow measurement is used to control the optimal incident flow for continuous operation.

Parameter	pH/ORP	D.O.	Conductivity	Chlorine
Measuring range	0.00 ... 14.00 pH -2000 ... +2000 mV	0.00 ... 20.00 mg/l 0.0 ... 200.0 % O2	0 ... 100 mS/cm, automatic range selection, adjustable	0.00 ... 2.00 mg/L
Resolution	0.01	0.01 mg/l / 0.1%	dependig on range 0.1 µS/cm ... 0.1 mS/cm	0.01 mg/l