

pH

pH-1/4/10 mini

Fiber optic pH transmitters
Parallel monitoring of up to
10 sensors

- For use with non-invasive pH sensors & sensor probes
- One calibration for a multitude of sensor spots
- Software included



The pH-mini transmitters are precise fiber optic pH meters. They are used with pH sensors based on a 2 mm optical fiber. A PC is connected to run the easy-to-use software. pH-1 mini is additionally equipped with analogue out and a trigger in. pH sensors are optimized for physiological solutions.

Specifications	pH-1 mini	pH-4 mini & pH-10 mini
pH sensors		HP5/HP8
Power supply	18 VDC/5 W (110 – 240 VAC, 50/60 Hz, adapter included)	110 – 230 VAC, 50/60 Hz, max. 40VA (cables included)
Relative humidity		up to 80 % (non condensing)
Dimensions	210 mm x 120 mm x 50 mm	300 mm x 250 mm x 135 mm
Weight	0.65 kg	3.3 kg & 3.9 kg
Digital interface		RS 232 interface (with RJ connector to serial port, cable included)
Temperature sensor	1 x PT1000 temperature connector (sensor included)	
Temperature performance	0 °C to 50 °C, resolution: ± 0.1 °C, accuracy ± 1.0 °C	
Temperature: operating/storage		0 °C to 50 °C/-10 °C to 60 °C
External trigger	TTL compatible with galvanic isolation (BNC connector)	
Analogue output specifications	Dual outputs, 0 – 4095 mV, resolution: 12 bit, accuracy ± 10 mV (BNC connectors) 1 mV represents	
	pH	0.01 pH
	Temperature	0.1 °C
	Phase	0.025°
Software (included)		Windows 98, 2000, XP

Sensors & Accessories



Flow-Through Cell pH

Miniaturized fiber optic chemical sensor.



Sensor Spots pH

The most versatile version of non-invasive pH sensors.



Accessories

A variety of accessories like connectors to different vessels is available.

Technical data can change without prior notice.

Bring to light what's inside. Ask our experts:

PreSens Precision Sensing GmbH
Josef-Engert-Str. 11
93053 Regensburg, Germany

Phone +49 941 94272100
Fax +49 941 94272111
info@PreSens.de

 www.PreSens.de