

# pH-1/4/10 mini

pH

## 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 are precise fiber optic pH transmitters. 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 an analogue out and a trigger in. pH sensors are optimized for physiological solutions.



	pH-1 mini	pH-4 mini & pH-10 mini
<b>Specifications</b>		
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. 40 vA (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	RS232 interface (with RJ connector to serial port, cable included)	
Temperature sensor	1 x PT 1000 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)	
		10 mV represent
	pH	0.1 pH
	Temperature	1 °C
	Phase	0.25 °

## Sensors & Accessories



### Flow-Through Cell pH

Miniaturized fiber chemical optical 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:

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