

pH

pH-1 micro & pH-4 micro

Fiber optic pH transmitters
Parallel monitoring of up to 4 sensors

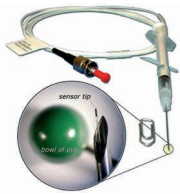
- For use with pH microsensors
- Simple one-point calibration possible
- Software included

The pH-micro transmitters are precise fiber optic pH meters. They are used with pH sensors based on a 140 μm optical fiber. A PC is connected to run the easy-to-use software. pH-1 micro is additionally equipped with analogue output and a trigger input. pH sensors are optimized for physiological solutions.



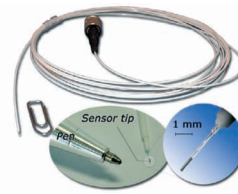
Specifications	pH-1 micro	pH-4 micro
pH sensors		HP5
Power supply	18 VDC/5 W (110 – 240 VAC, 50/60 Hz, adapter included)	110 – 230 VAC, 50/60 Hz, max. 40vA (cables included)
Relative humidity		up to 80 % (non condensing)
Dimensions	210 mm x 120 mm x 50 mm	300 mm x 250 mm x 135 mm
Weight	0.65 kg	3.3 kg
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)		

Sensors & Accessories



Needle-Type pH Microsensor

This pH microsensor is protected by its robust housing.



Implantable pH Microsensors

This pH microsensor offers the probe without any additional housing.



Customized Microsensors

Customized housings for special applications.

A wide variety of sensors is offered.
If your housing is missing,
please contact us!

Technical data can change without prior notice.

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

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