

ELECTROCHEMISTRY

BOECO PORTABLE PH/ORP/TEMP METER MODEL PT-380

- ▶ Simultaneous displays pH or mV and temperature.
- ▶ Convenient calibration with automatic buffer recognition of European and US buffer sets. Calibration data is stored in memory and is ready for use on power up.
- ▶ Automatic or manual temperature compensation
- ▶ Automatic lock mode and end point sensing are available to lock in stable readings.
- ▶ 50 data set reviewable memory.
- ▶ Automatic shut off function (30 minutes of non-use)
- ▶ Battery life 1000 hours
- ▶ Low battery indicator
- ▶ IP65 waterproof case

The PT-380 will be delivered incl. the following standard accessories:
1 x ATC probe 6000AST, each 1 x 100 ml BOECO Buffer solution pH 4,01, pH 7,00, 1 x 9 V battery, 1 x operating manual, 1 x carrying case

Specification:

pH		
Range	Resolution	Accuracy
-2 to 16,00 pH	0,01 pH	± 0,01 ± 1 digit

mV		
Range	Resolution	Accuracy
-1999 to 1999 mV	1 mV	± 0,1 %

Temperature		
Range	Resolution	Accuracy
-10,0 to 120,0 °C	0,1 °C	±0,5 %

pH buffer recognition: US (4,01, 7,00, 10,01)
NIST (4,00, 6,86, 9.18) user selectable

pH electrode offset Recognition: ±90mV at pH 7,00 or 6.86

pH electrode slope Recognition: ±30% at pH 4,00, 4,01, 9,18 or 10,01

pH temp. compensation: Auto / manual -10,0 to 120 °C

Input Impedance: 10¹² ohms

Temperature sensor: Thermistor, 10K ohms at 25°C

RS 232 interface: no

Power requirement: 9 Volt battery

Dimensions (LxWxH): 198x70x37 mm

Weight: 0,26 kg (1 x 9V Battery included)

Code	Description
BOE 5190380	Portable pH/ORP/Temperature meter, model PT-380 in carrying case with standard accessories without electrode



BOECO PORTABLE PH/
ORP/TEMP METER
MODEL PT-380



BOECO ELECTRODES

The electrodes are not included with the pH meters and have to be ordered separately:

Code	Description
BOE 5190600	Basic pH combination electrode, BA ECO plastic PC shaft, gel electrolyte, 0...14 pH, 0...80°C, with BNC plug, 1m cable, glass sensor
BOE 5095695	Basic pH combination electrode BA 25, Noryl plastic shaft, gel electrolyte, 0...14 pH, -5...80°C, with BNC plug, 1m cable, fibre diaphragm
BOE 5095626	Basic pH combination electrode BA 17, glass shaft, liquid electrolyte, 0...14 pH, 0...100°C, with BNC plug, 1m cable. With leak proof refill opening, platinum diaphragm



BOECO ELECTRODES