

BOECO Germany **Portable pH/mV Meter**
Model PT-370



- ▶ pH, Absolute and Relative mV ranges
- ▶ Automatic or Manual calibration
- ▶ Automatic or Manual Temperature Compensation
- ▶ Simultaneous pH and temperature reading
- ▶ 32 reading data storage
- ▶ Environmentally protected case to IP65
- ▶ Power on self test routine

The Model PT-370 is a general purpose, hand held pH/mV meter offering a 1 or 2 point pH calibration and automatic buffer recognition with manual override. The custom liquid crystal display simultaneously shows temperature compensated pH readings or electrode potential and temperature.

Calibration errors are clearly indicated, together with the parameter in error.

An indication of battery life is also permanently shown on the display. An automatic switch off facility helps to conserve battery life.

The instrument is housed in a robust, ergonomically designed case protected to IP65.

Comprehensive ranges of application specific electrodes and consumables are available for use with this model.

SPECIFICATION

pH	(1 or 2 point cal)
Range:	-2 to 16.00pH
Resolution:	0.01pH
Accuracy:	"0.02pH
mV (Abs or Rel)	
Range:	-1999 to +1999mV
Resolution:	1mV
Accuracy:	"1mV
Input impedance:	10 ¹² ohms
Temperature	
Ranges:	-10 to +105EC / 14 to 221EF
Resolution:	0.1EC / 1EF
Accuracy:	"0.5EC / "1EF
ATC Range:	0 to 100EC / 32 to 212EF
Manual Temp.Comp. Range:	0 to 100EC / 32 to 212EC
Auto Buffer Recognition:	4.00, 7.00, 9.22, 10.00 (with manual override)
Calibration:	User selectable 1or 2 point
Power:	2 AA cells
Battery Life:	500 hours typical (@ 25EC with alkaline cells)
Size:	175(l)x75(w)x35(d)
Weight:	250g



The **PT-370** will be delivered incl. the following standard accessories:

- 1 x ATC probe, each 1 x 100 ml Buffer solution pH 4,01, pH 7,00
- 1 x Batteries (fitted), 1 x Operating Manual, 1 x carrying case

Code	Description
BOE 5190370	Portable pH/mVMeter, Model PT-370 in carrying case with standard accessories

Electrodes have to be ordered separately

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 5095695 Basic pH combination electrode BA 25

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

BOE 5095626 Basic pH combination electrode BA 17

