

pH Meters

Hand-held, Waterproof pH Meters, Handylab HL100 and HL600

SI Analytics

- ◆ Ruggedly constructed, water-tight housing to IP67 standard
- ◆ Simultaneous display of pH or mV and temperature with subsidiary date and time
- ◆ AutoRead system provides a stable, precise measurement and CMC (Continuous Measurement Control) monitors whether the measurement is within calibration limits
- ◆ Automatic temperature compensation
- ◆ Calibration using up to 5 pre-programmed buffer sets
- ◆ Backlit, graphics LCD display
- ◆ Storage of up to 200 data sets which can be recalled and displayed
- ◆ Additional features of HL600:
 - ◆ IDS Technology - digitisation of the measuring signal to reduce interference
 - ◆ QSC (Quality Sensor Control) provides information on electrode condition and efficiency
 - ◆ USB interface for outputting data as a .csv file or to MS-Excel files using software provided for the user's PC
 - ◆ Enhanced data storage to 500 sets

Hand-held, Waterproof pH Meters, Handylab
As described. Supplied with combination pH/°C electrode, fixed 1.5 metre connection cable, buffer solutions 4 x 1.5V, batteries, instructions and carrying case.

PH400-25 Handylab HL100
PH400-35 Handylab HL600

Accessories and Spares

PH400-09 Spare pH/°C electrode
CU612-65 Protective overboot, Z389
BL610-15 Battery, 1.5V (4 required)

Buffer solutions

20ml capacity, double-ended glass ampoules, steam sterilised and without preservative to extend solution shelf-life. The ampoules are scored at the tip of either end for ease of opening without tools. Solution accuracy ±0.01pH units at +25°C. Supplied in packs of 60 ampoules.

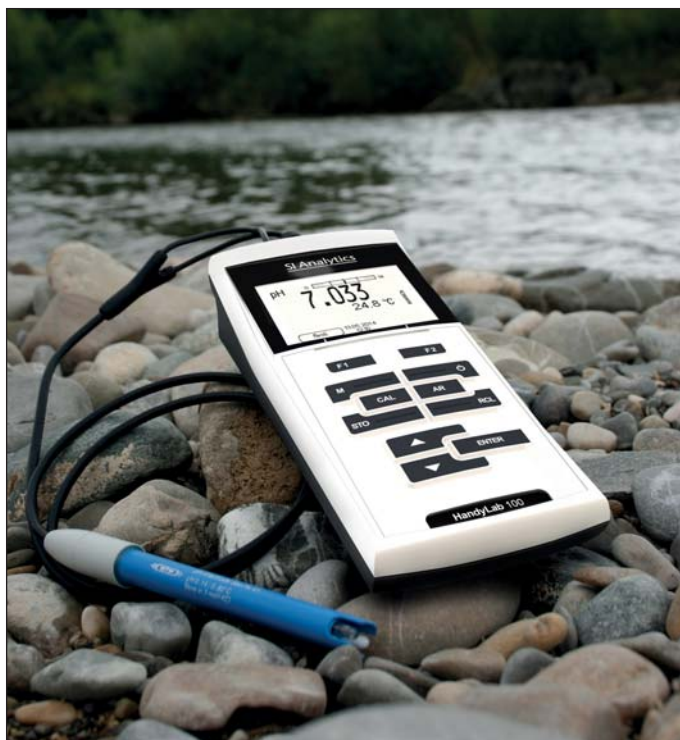
Standard buffers to DIN19266

PH400-02 pH 1.68
PH400-04 pH 4.01
PH400-06 pH 6.87
PH400-08 pH 9.18

Technical buffers to DIN19267

PH400-17 pH 4.00
PH400-21 pH 7.00
PH400-25 pH 10.00

Model		Handylab HL100	Handylab HL600
Ranges x resolution, accuracy	pH	-2.0 to 20.0 x 0.1, ±0.1 -2.00 to 20.00 x 0.01, ±0.01 -2.000 to 19.999 x 0.001, ± 0.005	0.000 to 14.000 x 0.001, ±0.004 — —
	mV (ORP)	-1200.0 to +1200.00 x 0.01, ± 0.3 -2500 to +2500 x 1, ±1	-1200.0 to +1200.00 x 0.01, ± 0.2 —
	Temp. comp. °C (°F selectable)	-5.0 to +105.0 x 0.1, ±0.1	-5.0 to +105.0 x 0.1, ±0.2
Calibration points		Up to 5 — both models	
Stored buffers		22 pre-programmed — both models	
Calibration memory		1 x last undertaken	10 x last undertaken
Timer		—	1 to 999 days
Continuous Measurement Control (CMC)		Yes — both models	
Quality Sensor Control		No	Yes
Datalogging memories		200 data sets	500 manual or 5000 automatic data sets
Logger		—	Yes (manual or timed)
Outputs		—	Mini-USB-B
Power		4 x 1.5V AA batteries — both models	
Overall L x W x H	mm	180x 80 x 55 — both models	
Weight	g	400 — both models	



PH400-25 in use



PH400-35