Conductivity

Hand-held, Waterproof Multi-range Meter

SI Analytics Handylab HL200

- ◆ Ruggedly constructed, water-tight housing to IP67 standard
- ◆ Simultaneous display of conductivity, TDS, resistivity or salinity and temperature with subsidiary date and time readout
- ◆ AutoRead system provides a stable, precise measurement
- ◆ Automatic or manual 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

Portable Waterproof Meter Handylab HL200
As described. Supplied with 4-pole, K=0.475 conductivity cell, 1.5m connection cable, calibration solutions, 4 x 1.5V batteries, instructions and carrying case.

CU612-12   Handylab HL200 Versatile

Accessories and Spares
CU612-60   Spare probe, K=0.475
CU612-65   Protective overboot, Z389
BL610-15   Battery 1.5V (4 required)

Calibration 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. Supplied in packs of 18 ampoules.

CU612-90   0.01mol/KCL (1.41mS/cm)
CU612-94   0.1mol/KCL (12.9mS/cm)

Ranges x resolution, accuracy	conductivity	0 to 1000 x 1mS/cm, ±0.5% of average value 0.00 to 19.99 x 0.01µS/cm (at K=0.01), ±0.5% of average value 0.000 to 1.999 x 0.001µS/cm (at K=0.01 and K=0.1), ±0.5% of average value
	spec. resistance	1 to 199.9ohm cm (autoranging), ±0.5% of average value
	salinity	0.0 to 70.0 x 0.1ppt (acc. IOT*)
	TDS	0 to 1999 x 1mg/l, 0 to 199.9 x 0.1g/l, ±0.5% of average value
	Temperature compensation °C	-5.0 to 105.0 x 0.1, ±0.1.
Cell constant	fixed	K=0.475, K=0.1 or K=0.01
	adjustable	K=0.250 to 25.000, K=0.090 to 0.110
	1-point calibratable	K=0.450 to 0.500, 0.585 to 0.715, 0.800 to 0.880. Standard: 0.01mol/l.
Temperature compensation		Automatic or manual
Temperature coefficient		nlf: non-linear function acc. to EN27 888 and ultrapure water function. Linear compensation 0.000 to 3.000%/K. No compensation.
Memory		200 data sets
Power supply		4 x 1.5V AA alkaline batteries
Overall L x W x H	mm	180 x 80 x 55
Weight	g	400

* International Oceanographic Tables.

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