

## MPCD65 MULTIPARAMETER HANDHELD ECS METER

Multiparameter portable instrument data logger for electrochemical measures OF: pH, conductivity, dissolved oxygen and temperature. Large LCD back-lit.

Parameters reading by plugged probe options:

- pH, mV, ORP with single electrodes or combined probes with interface module;

- Conductivity, liquid resistivity, total dissolved solids (TDS) and salinity with combined conductivity and temperature 2 or 4 rings;

- Concentration of dissolved oxygen in liquids (mg / l), saturation index (%) and polarographic combined probes type with two or three electrodes and integrated temperature sensor.

The instrument can be connected to stand alone RTD100 Ohm.

The pH electrode calibration setup on one minimum point up to maximum five calibration sequences selected withing 8 buffer solutions. Automatic or manual temperature compensation.

Automatic conductivity mode self recognizes the standard value solutions: 147, 1413, 12880, 111800 microS / cm. Manual mode by user definition values.

Datalogger stores up to 200 single screens (labels) and 9000 samples in continuous storage: pH or mV, conductivity or resistivity or TDS or salinity, dissolved oxygen concentration or saturation index and temperature.

Multi-standard RS232C serial port or USB 2.0 1.1 for data transfer to a PC connected.

On option, the Bluetooth accessory, for connection to a PC or a printer with Bluetooth input.

Supplied with dedicated software that allows the management and configuration of the instrument with processing by PC.



Dimensions (Wx Dx H):	250x100x50mm
Weight:	640g (with batteries)
Materials:	ABS, rubber
Display:	Graphic backlit LCD, 56x38mm. 128x64 pixel
Environment conditions:	Working temperature -5 ... 50 °C Storage temperature -25 ... 65 °C Working relative humidity 0% ... 90% RH without condensation
Protection:	IP66
Supply:	4 x 1.5V AA batteries (c / probes connected) 25 h (alkaline batteries 1800mAh)
Power adapter:	12Vdc/1A (positive at center)
Security of stored data:	Unlimited
Date and time:	Real time clock
Accuracy:	1min/month max deviation
Continuous recording (LOG key):	9000 samples the three inputs organized in 1800 pages 5 samples each.
Interval:	1s ... 999s
Storing to MEM command button:	200 samples on three inputs organized in 200 pages 1 sample each.



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