



MESLO Electrochemistry Range Quality Portable Meters

pH Meter, Ion Meter & Combined pH/Conductivity Meter



MESLO

MESLO Portable Meters

MESLO Electrochemistry Portable Meters

A series of quality electrochemistry portable meters from MESLO. All are state-of-the-art instruments made in the UK. All Instruments are CE and UKCA marked. The clear backlit graphic display guides the user through every operation ensuring that even the most unskilled operation can perform accurate analysis without an instruction manual.

Every instrument in the range has a mini USB output for printing or exporting sample and calibration data. If printing is not possible there is a 10,000 data point, 64 file internal memory to enable field data to be recorded. Power is via 4 x AA batteries. Lifetime is impressive due to a highly efficient display with brightness and contrast options along with many other power saving features.

The MESLO range of products is extremely tough, splash-proof, practical and have a two year warranty.



pH/mV Portable Meter MESLO MP1

- ✓ pH Range: -2 to 16 +/- 0.01
- ✓ mV Range (+/-) 1999mV
- ✓ mV Accuracy (+/-) 0.1mV
- ✓ 1, 2 or 3 point calibration
- ✓ Auto endpoint
- ✓ Automatic Temperature Compensation (ATC)
- ✓ Automatic buffer recognition
- ✓ Buffer correction
- ✓ Calibration alarms
- ✓ Temperature display
- ✓ Full range of pH electrodes
- ✓ Millivolt and relative millivolt modes
- ✓ Data logging and internal data storage
- ✓ Direct to Excel data output
- ✓ Real time clock
- ✓ BNC connector for pH electrodes
- ✓ Energy saving features
- ✓ Rugged field kit available

ION Portable Meter MESLO MI1

- ✓ 1, 2 or 3 Point Calibration
- ✓ Auto endpoint
- ✓ Automatic Temperature Compensation (ATC)
- ✓ Automatic Buffer Recognition
- ✓ Buffer correction
- ✓ Calibration alarms
- ✓ Chloride Mode, Dissolved Oxygen Mode, and Ion Mode
- ✓ Known addition mode
- ✓ Millivolt and relative millivolt modes
- ✓ pH Mode
- ✓ Data logging and internal data storage
- ✓ Micro USB data output
- ✓ Real time clock
- ✓ REDOX mode
- ✓ BNC connector for pH electrodes & ISEs
- ✓ Impressive array of accessories & consumables
- ✓ ION Concentration in ppm or mol/l
- ✓ Two ION modes for dual analysis

Combined pH/Conductivity Portable Meter MESLO MPC1

- ✓ Dual pH and conductivity display
- ✓ 1, 2 or 3 point pH calibration
- ✓ Auto conductivity calibration
- ✓ Auto endpoint
- ✓ Automatic Temperature Compensation (ATC)
- ✓ Automatic standard/buffer recognition
- ✓ pH Buffer correction
- ✓ Calibration alarms
- ✓ Millivolt and relative millivolt modes
- ✓ Total Dissolved Solids (TDS) mode
- ✓ Data logging and internal data storage
- ✓ Micro USB data output to Excel
- ✓ Real time clock
- ✓ BNC /DIN and 3.5mm Jack connectors
- ✓ Energy saving features
- ✓ Rugged field kit available



Product Information



Specifications

	MP1	MI1	MPC1
Made in the U.K	✓	✓	✓
CE and UKCA Marked	✓	✓	✓
ATC	✓	✓	✓
Auto End Point	✓	✓	✓
Auto Buffer Recognition	✓	✓	✓
Automatic Calibration	✓	✓	✓
Available as Field Kit	✓	✓	✓
Backlit Display	✓	✓	✓
BNC Socket	✓	✓	✓
Chloride Mode		✓	
Conductivity Mode			✓
Data Logging	✓	✓	✓
Data output to Excel	✓	✓	✓
Date and Time setting	✓	✓	✓
DIN Socket			✓
Dissolved Oxygen		✓	
Energy Saving Features	✓	✓	✓
Internal Memory	✓	✓	✓
ION Concentration Mode		✓	
Known Addition Mode		✓	
mV Mode	✓	✓	✓
pH Mode	✓	✓	✓
Positive Feedback Keys	✓	✓	✓
Relative mV Mode	✓	✓	✓
Splashproof Case	✓	✓	✓
TDS Mode			✓
Temperature Display	✓	✓	✓
User ID input	✓	✓	✓
REDOX mode	✓	✓	✓
200 hour Battery Life	✓	✓	✓

CODE	PRODUCT DESCRIPTION
MPM001	MESLO Portable pH Meter Only Model MP1 (Batteries Included)
MIN001	MESLO Portable ION Meter Model MI1 (Batteries included)
MPC001	MESLO Portable Combined pH/Conductivity Meter Model MPC1 (Batteries Included)
KITS	
MPM001-KIT	MESLO Portable pH meter, Batteries, MAE801 ATC Probe, Buffer capsule (pH4 and 7), 2x100ml bottles, MAC801 Carry Case, MEP001 Glass Combination pH Electrode
MPC001-KIT	Portable Combined Meter, Batteries, MAE801 ATC Probe, Buffer capsule (pH4 and 7), 2x100ml bottles, MSA052 Cal Solution, MEC001 Conductivity Cell, MAC802 Carry Case, MEP001 Glass Combination pH Electrode
ACCESSORIES	
MAR004	Rubber Boot and stand for Series 4 Portable Meters
MAD004	Data Kit for Series 4 Portable meters
MAC801	Hard Case Small
MAC802	Hard Case Large
MAE801	ATC probe for MP1/MPC1
ELECTRODES	
MEP001	Glass Combination pH Electrode. 1 Metre cable BNC
MEP002	Polymer Combination pH Electrode. 1 Metre Cable BNC
MEC001	Conductivity Cell K=1 with Mini DIN
SOLUTIONS	
MSA470	Buffer Solution pH 7.00 Yellow 500ml
MSA471	Buffer Solution pH 4.00 Red 500ml
MSA472	Buffer Solution pH 10.00 Blue 500ml
MSE867	Saturated KCl with Ag/AgCl filling solution 100ml
MSA052	Conductivity Cal Soln 1413uS 100ml
MSA053	Conductivity Cal Soln 12.88mS 100ml
COMBINATION ISEs	
MCI322	Fluoride Combination ISE
MCI323	Nitrate Combination ISE
MCI324	Chloride Combination ISE
MCI325	Ammonium Combination ISE
MCI326	Calcium Combination ISE
ISE SOLUTIONS	
MSS133	Fluoride 1000ppm Standard Solution 500ml
MSS134	Nitrate 1000ppm Standard Solution 500ml
MSS135	Chloride 1000ppm Standard Solution 500ml
MSS136	Ammonium 1000ppm Standard Solution 500ml
MSS137	Calcium 1000ppm Standard Solution 500ml
MIB303	Fluoride TISAB 500ml
MIB304	Nitrate ISAB 500ml
MIB305	Chloride ISAB 500ml
MIB306	Ammonium ISAB 500ml
MIB307	Calcium ISAB 500ml



MESLO

Your Scientific Partner in EMEA & The Americas



ABOUT US

MESLO is a leading scientific and process equipment distributor that was established in 1984 in Nicosia, Cyprus. With offices now in Cyprus, Egypt, Nigeria, the U.S.A., and U.A.E., MESLO focuses on a high-quality range of equipment, reagents, and consumables with competitive pricing, an efficient quotation processing system, and a dedicated application support team for high-class customer service levels. We continuously strive to offer the best experience to our customers and partners. We firmly believe that by being responsive to our distributors' and suppliers' needs, we have been successful in developing and managing long-term relationships that have spanned 4 decades of business partnerships.

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