

MP-6 Portable cableless multimeter kit

Product #: **HMP6EP**

ZAR Price: Contact Hach
Ships within 3 days

Cableless!

Kit includes multimeter with integrated sample cups and internal sensors for conductivity, pH, ORP, temperature, TDS, and resisitivity measurements plus hard-sided case, 50 mL NaCl, KCl & standard solutions and pH buffer set for calibration.

Simple, robust design allows for rapid testing of pH, ORP (Oxidation Reduction Potential)/Redox, conductivity, resistivity, Total Dissolved Solids (TDS), and temperature
Hach's MP Meters work without probes, allowing rapid testing of pH, ORP (Oxidation Reduction Potential)/Redox, conductivity, resistivity, Total Dissolved Solids (TDS) and temperature. The instruments use integrated sample cups for efficient high throughput testing vs. external probes.

Probe-free meter enables single-handed operation for high-throughput testing or spot checking
Easy one-button operation - just fill the sample cup and push a parameter key to take a measurement.

Achieve reliable readings without frequent calibration
Typical calibration frequency ranges from every two weeks to monthly, depending on individual testing needs. To calibrate, simply press one button and adjust the instrument to the standard's value.

Auto shut-off extends battery life to more than 100 hours or approximately 5000 tests for reliable portable use
MP Meters deliver high performance with a superior accuracy of ±1% due to an advanced four-electrode conductivity cell technology, a unique replaceable pH/ORP sensor, and powerful microprocessor-based circuitry. Additionally, three pre-programmed common salt profiles in every instrument provide unsurpassed accuracy for conductivity, resistivity, and TDS measurements across a wide variety of sample matrices.

Fully automatic temperature compensation is also provided in these instruments. Users may even adjust the temperature compensation or disable the feature for specific applications. When measuring solution types not contained in the microprocessor, a user-adjustable conductivity/TDS conversion ratio gives greater measurement accuracy.

Essentials Package includes MP-6 meter, field case, pH buffers (50 mL each), conductivity standards (50 mL each), TDS standard (50 mL), and user manual
An auto-shutoff maximizes battery life to more than 100 hours (~5000 tests). In addition to longer operation time, MP Meters maintain data integrity thanks to a non-volatile microprocessor that backs up measurement data and retains calibration and memory data, even during a battery change. MP Meters are also waterproof, buoyant, and fully operational after immersion up to 1 meter (3 feet).

Specifications

Accuracy:	ORP: 1 mV
Accuracy: pH:	0.01 pH
Battery Life:	(5,000 readings)
Battery requirements:	1, 9V
Conductivity Accuracy:	Conductivity, TDS, Resistivity:

	± 1 % of reading
Conductivity resolution:	0.01 (<100 µS/cm), 0.1 (<1000 µS/cm), 1.0 (<10 mS/cm), 0.01 (<100 mS/cm), 0.1 (<200 mS/cm)
Dimensions (H x W x D):	64 mm x 69 mm x 196 mm
Display:	4-digit Liquid Crystal Display (LCD)
Enclosure rating:	IP67 / NEMA 6
Kit Option:	Kit
Kit?:	Yes
Length:	196 mm
Measuring range conductivity:	0 - 9999
Measuring Range ORP:	-999 - +999
Measuring range pH:	0 - 14
Measuring range resistivity:	10 KΩ - 30 MΩ
Measuring Range TDS:	0 - 9999 ppm
Measuring Range Temperature:	0 - 71 °C
Model:	MP-6
Operating temperature range:	0 - 55 °C
ORP Resolution:	1 mV
Parameter:	pH, ORP, Conductivity, TDS, Resistivity, Temp
pH Resolution:	0.01 pH
Power Supply:	Batteries (see Battery Requirements)
Resistivity Resolution:	0.1 (>1 MΩ)
Special Features:	Essential package
TDS Resolution:	0.01 (<100 ppm)
TDS Resolution 2:	0.1 (<1000 ppm)
TDS Resolution 3:	1.0 (<10 ppt)
TDS Resolution 4:	0.01 (<100 ppt)
TDS Resolution 5:	0.1 (<200 ppt)
Temperature Compensation:	Automatic 0 - 71 °C
Temperature resolution:	0.1
Warranty:	12 months
Weight:	0.352 kg