

Mi150

pH/Temperature Laboratory Bench Meter

Mi150 is an advanced pH/Temp microprocessor-based bench meter. It is ideal for students and technicians who need fast and reliable measurements.

This meter is provided with a series of new diagnostic features which add an entirely new dimension to the measurement of pH, by allowing the user to dramatically improve the reliability of the measurement:

- Automatic Temperature Compensation (ATC) for good accuracy under fluctuating temperatures;
- Easy to read large custom LCD;
- Easy and Quick Push-button Calibration
- 7 memorized buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) for calibration;
- Messages on the LCD to make the calibration easy and accurate;
- User-selectable "calibration time out" to remind when a new calibration is necessary;
- Stability Indicator prompts whenever reading stabilizes.

Moreover, it offers an extended temperature range from -20°C (-4°F) to 120°C (248°F), using the MA831R interchangeable temperature probe.

Years warranty
3**MEM****ATC****MTC**Points
2**Dual Display****Self diagnostics**Memorized buffers
7**CE**

Specifications	Mi150
Range	pH -2.00 to 16.00 pH Temp -20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH 0.01 pH Temp 0.1°C (0.1 °F)
Accuracy (@20°C / 68°F)	pH ± 0.01 pH Temp $\pm 0.4^{\circ}\text{C} / \pm 0.8^{\circ}\text{F}$
Typical EMC	pH ± 0.02 pH
Deviation	Temp $\pm 0.4^{\circ}\text{C} / \pm 0.8^{\circ}\text{F}$
pH Automatic Calibration	1 or 2 point-calibration, with 7 memorized buffers
Offset Calibration	± 1 pH
Slope Calibration	from 80 to 108%
Temperature Compensation	automatic, from -20.0 to 120.0°C / -4.0 to 248.0°F or manual, without temperature probe
pH Electrode	MA917B/1 (included)
Temperature Probe	MA831R (included)
Environment	0 to 50°C / 32 to 122°F ; max RH 95%
Input Impedance	10^{12} Ohm
Power supply	12 VDC power adapter (included)
Dimensions	230 x 160 x 95 mm
Weight	0.9 kg

Accessories

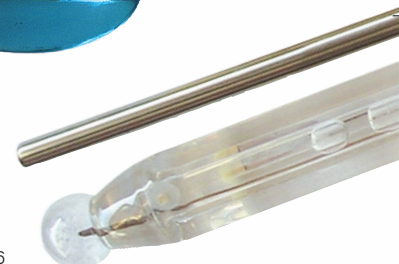
- MA9001 pH 1.68 buffer solution, 230 mL bottle
 MA9004 pH 4.01 buffer solution, 230 mL bottle
 MA9006 pH 6.86 buffer solution, 230 mL bottle
 MA9007 pH 7.01 buffer solution, 230 mL bottle
 MA9009 pH 9.18 buffer solution, 230 mL bottle
 MA9010 pH 10.01 buffer solution, 230 mL bottle
 MA9012 Refilling solution for double junction electrode, 230 mL bottle
 MA9015 Electrode storage solution, 230 mL bottle



- MA9016 Electrode cleaning solution, 230 mL bottle
 MA9112 pH 12.45 buffer solution, 230 mL bottle
 MA9310 12 VDC Adapter, 220 V
 MA9311 12 VDC Adapter, 110 V
 MA9315 Electrode Holder
 MA917B/1 Glass body, double junction refillable pH electrode
 MA831R Temperature probe

Glass Electrode & Temperature Probe

Choose from our wide selection of pH and ORP electrodes at pages 6 and 49.



Innovative Design

Compact-size ergonomic design with electrode holder that can hold multiple electrodes & probes.



Ordering Information

- Mi150 is supplied complete with:
- MA917B/1 Double junction refillable pH electrode
 - MA831R Temperature Probe
 - MA9315 Electrode Holder
 - M10004 pH 4.01 Sachet Buffer Solution
 - M10007 pH 7.01 Sachet Buffer Solution
 - M10010 pH 10.01 Sachet Buffer Solution
 - M10016 Sachet Electrode Cleaning Solution
 - Graduate Pipet
 - 12 VDC Adapter
 - Instruction manual

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