

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	pH	±0.01 pH
(@20°C / 68°F)	Temp	±0.4°C / ±0.8°F
Typical EMC	pH	±0.02 pH
Deviation	Temp	±0.4°C / ±0.8°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 50.



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
 - **MA9310** 12 VDC Adapter
 - Graduate Pipet
 - Instruction manual



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