

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	±0.4°C / ±0.8°F
Typical EMC Deviation	pH	±0.02 pH
	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

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.



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

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