

Mi105

Portable pH/Temp Meter

- Years warranty 3
- ATC
- Points 2
- Dual Display
- Self diagnostics
- CE



Extended Range pH and Temperature Meter in a compact casing

The included electrode has a built-in temperature sensor and amplifier to prevent electrical interference. The large display shows readings in an extended range from -2.00 to 16.00 pH and simultaneously shows temperature from -5.0 to 105.0°C or 23 to 221°F.

The Mi105 has a stability indicator and hold feature that freezes the display for easy and accurate recording. The large display also has graphic symbols to guide you through all operations. The battery life of the meters guarantees over 500 hours of continuous use. When switched ON it performs a self-check and displays the percentage of the remaining battery level to assure proper working condition. Calibration is performed automatically at 1 or 2 points using standard or NIST buffers.



Specifications	Mi105
Range(*)	pH -2.00 to 16.00 pH Temp -5.0 to 105.0°C / 23.0 to 221.0°F
Resolution	pH 0.01 pH Temp 0.1 °C / 0.1 °F
Accuracy (@25°C)	pH ±0.02 pH Temp ±0.5°C up to 60°C; ±1°C outside / ±1°F up to 140°F; ±2°F outside
Typical EMC Deviation	pH ±0.02 pH Temp ±0.2°C / ±0.4°F
Temperature Compensation	automatic, from -5 to 80°C
pH Calibration	automatic, 1 or 2 points
Probe	MA914BR/1, amplified pH/temperature probe (included)
Environment	0 to 50°C / 32 to 122°F; max RH 100%
Battery Type	1 x 9V alkaline (included)
Battery Life	approx. 500 hours of use
Auto-off	after 8 minutes of non-use
Dimensions	200×85×50 mm
Weight	260 g (with battery)

(*) The temperature range is limited to 80°C (176°F) if using the MA914BR/1 probe.

Calibration, Maintenance & Cleaning Solutions

Choose from our wide selection of calibration, maintenance and cleaning solutions at page 43.



Accessories

- MA914BR/1 Combination amplified pH/Temp probe with BNC & RCA connectors and 1 m cable
- M10004B pH 4.01 buffer solution 20 mL sachet (25 pcs)
- M10006B pH 6.86 buffer solution 20 mL sachet (25 pcs)
- M10007B pH 7.01 buffer solution 20 mL sachet (25 pcs)
- M10009B pH 9.18 buffer solution 20 mL sachet (25 pcs)



- M10010B pH 10.01 buffer solution, 20 mL sachet (25 pcs)
- 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
- MA9015 Electrode storage solution, 230 mL
- MA9016 Electrode cleaning solution, 230 mL
- M10000B Electrode rinse solution, 20 mL (25 pcs)

Ordering Information

Mi105 is supplied complete with MA914BR/1 pH/Temp amplified probe with 1 meter cable, 20 mL pH 4.01 and 7.01 sachet of calibration solution, 2x20 mL sachet of electrode cleaning solutions, 9V battery and instructions, all in a rugged carrying case.