

# pH55/pH56

## Pocket-size pH/Temperature Meters with replaceable electrode

Waterproof pH testers with Large dual-level LCD that displays pH and temperature (°C or °F). The large display shows readings in an extended range from -2.0 to 16.0 pH (pH56 has a 0.01 pH resolution) and simultaneously shows temperature from -5.0 to 105.0°C or 23.0 to 221.0°F. They have a stability indicator and hold function that freezes the display for easy and accurate recording. The large display also has graphic symbols to guide you through all operations.

Complete with a temperature probe for faster and more precise temperature measurement they compensate automatically for temperature. Calibration is made automatically in 1 or 2 points with memorized standard and NIST buffer sets. Auto power OFF saves battery power after non-use.

The double-junction electrode can be replaced in a very fast and simple way! The modular design allows easy electrode and battery replacement.

Specifications		pH55	pH56
Range	pH	-2.0 to 16.0 pH	-2.00 to 16.00 pH
	Temp.	-5.0 to 60.0°C / 23.0 to 140.0°F	-5.0 to 60.0°C / 23.0 to 140.0°F
Resolution	pH	0.1 pH	0.01 pH
	Temp.	0.1°C / 0.1°F	0.1°C / 0.1°F
Accuracy (@25°C)	pH	±0.1 pH	±0.05 pH
	Temp.	±0.5°C / ±1°F	±0.5°C / ±1°F
Typical EMC Deviation	pH	±0.1 pH	±0.02 pH
	Temp.	±0.3°C / ±0.6°F	±0.3°C / ±0.6°F
Calibration		automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)	automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)
Temperature Compensation		automatic from -5 to 60°C	automatic from -5 to 60°C
Probe		Mi56P (replaceable)	Mi56P (replaceable)
Environment		-5 to 50°C / 32 to 122°F; max RH 100%	-5 to 50°C / 32 to 122°F; max RH 100%
Battery Type		4 x 1.5V; IEC LR44, A76 (included)	4 x 1.5V; IEC LR44, A76 (included)
Battery Life		approx. 300 hours of use	approx. 300 hours of use
Auto-off		after 8 minutes of non-use	after 8 minutes of non-use
Dimensions		200 x dia 38 mm	200 x dia 38 mm
Weight		100 g	100 g

### Accessories

**Mi56P** Replaceable electrode for pH55 & pH56

**M10000B** Electrode rinse solution, 20 mL sachet (25 pcs)

**M10004B** pH 4.01 buffer solution 20 mL sachet (25 pcs)

**M10007B** pH 7.01 buffer solution 20 mL sachet (25 pcs)

**M10010B** pH 10.01 buffer solution 20 mL sachet (25 pcs)

**MA9004** pH 4.01 buffer, 230 mL bottle

**MA9007** pH 7.01 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

**MA753** Hard carrying case for 2 testers

### Ordering Information

pH55 and pH56 is supplied complete with protective cap, 20 mL pH 4.01 and pH 7.01 sachets of calibration solution.

### Packaging Information

pH55 and pH56 can be supplied in a carton box or in a tubular plastic casing. pH55 is also available in a kit (Mi5560) together with EC60 EC/TDS/Temp Meter.



### Temperature Sensor

The pH55 and pH56's exposed temperature sensor provides fast response time, and its proximity to the pH electrode guarantees much more accurate temperature compensated readings.



### Replaceable electrode

Replace the electrode in a fast and simple way yourself! Just unscrew the plastic ring on the top of the electrode and replace the electrode with a new one.



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