

Benchtop pH meter Milwaukee mod. MW151 MAX 3-in-1 PRO

pH/ORP/Temp

The Milwaukee MW151 MAX 3-in-1 PRO Benchtop pH Meter is preferred by people who test all types of samples, viscous or not, in a variety of applications that cause other pH meters and electrodes to fail.

The Data logging feature allows for access on demand and access stability features that ensure that all readings are accurate and not incorrectly entered.

The Milwaukee MA917B / 1 double junction electrode is refillable and easy to clean.

The Milwaukee MW151 MAX Benchtop pH Meter offers:

PRECISION

Lab technicians choose the MW151 MAX 3-in-1 PRO pH / ORP / Temp Portable Logging Meter to improve the accuracy of their testing program.

With up to 5-point calibration and 7 standard buffer choices (even 2 custom buffers), the instrument can be quickly calibrated with higher accuracy than one or two-point calibration.

The MW151 MAX meter has an accuracy of ± 0.002 pH. 8 times more accurate than some alternative tools.

The instrument is supplied complete with a double junction pH electrode model MA917B / 1 and a temperature sensor MA831R which allow the instrument to automatically adjust the pH reading due to the effect of temperature (ATC).

The meter can also be used as a very accurate thermometer with an accuracy of ± 0.4 °C (± 0.8 °F).

ROBUSTNESS

The rugged meter is built to withstand shocks, has a sleek design, and a small bench footprint.

LOW MAINTENANCE

The MW151 MAX pH / ORP / Temp benchtop meter comes with the MA917B / 1 double junction Milwaukee glass pH electrode. Designed to be both low maintenance (refillable) and able to withstand more demanding samples (double junction). The MA917B / 1 is ideal for use in brewing, wine making, hydroponics, laboratories and many other applications.

FEATURES

Quick and easy to read results with a large dual-level digital LCD display.

Extreme accuracy down to ± 0.002 pH | ± 1 mV ORP | ± 0.4 °C (± 0.8 °F).

Extended pH range (-2.00 pH to 20.00 pH / -2,000 to 20,000 pH).

Lightweight and elegant design with small counter footprint.

Easy to use, manual or continuous data logging and download (via USB) function up to 1,000 values.

The electrode diagnostic function checks and displays the condition of the pH electrode.

Easy Measurement: Simply place the electrode and temperature probe in the sample, mix gently and wait for the reading to stabilize.

Simple button, automatic calibration up to 5 points for greater accuracy.

Up to 7 standard calibration solutions (1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) and 2 custom choices. Refillable, glass, double junction laboratory pH electrode for low maintenance and high performance with screw cap to ensure proper storage.

Built-in rechargeable battery with 8 hours autonomy (battery included).

Selectable automatic shutdown function.

Alphanumeric messages on the LCD display for intuitive information, warnings and error messages.

Internal clock date to keep track of different time-dependent functions (calibration, timestamp, calibration timeout).

1 meter probe cables for greater flexibility when testing.



Related products

- pH Buffer Solutions
- Preservative Filling Solutions

Technical data

PH range: -2.00 to 20.00 pH / -2,000 to 20,000

pH ORP range: \pm 2000.0mV

Temp. Range: -20.0 to 120.00 ° C (-4.0 to 248.0 ° F)

Resolution: 0.01 pH / 0.001 pH

Resolution: 0.1mV

Resolution: 0.1 ° C / 0.1 ° F)

Accuracy: \pm 0.01 pH / \pm 0.002 pH @ 25 ° C / 77 ° F

Accuracy: \pm 1mV

Accuracy: \pm 0.4 ° C | \pm 0.8 ° F

PH calibration: automatic

pH calibration up to 5 points | 7 standard buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) and two custom buffers

Temperature compensation: automatic, -20.0 to 120.0 ° C (-4.0 to 248.0 ° F) or manual PH electrode: MA917B / 1 in glass, double junction pH electrode (supplied)

Temperature probe: MA831R (included)

Logging: maximum 1,000 samples (stored in up to 100 lots) / on demand, 200 samples on stability, 200 samples / interval logging, 1000 logs

PC connectivity: 1 USB port, 1 micro USB port

Power supply: 12VDC, 5VDC

USB adapter (included)

Battery Life: Approx. 8 hours of use Automatic shutdown: selectable 5, 10, 30, 60 min. or off

Environment: 0 to 50 ° C / 32 to 122 ° F; max RH 95%


Dimensions: 230 x 160 x 95mm (9.0 x 6.3 x 3.7 inches)

Weight: 0.9kg / 2.0lbs.

Warranty: 3 years on the meter

Code	Description
M6100151	Benchtop pH meter Milwaukee mod. MW151 MAX 3-in-1 PRO pH/ORP/Temp

Accessories

Foto	Code	Description
	M6209171	