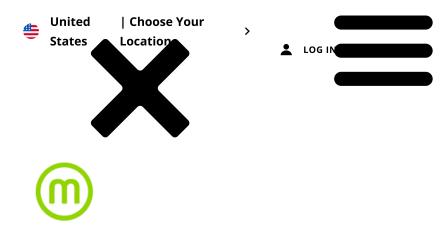
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\$700.00

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## Milwaukee MW180 MAX pH/mV/EC/TDS/Na Bench Meter with Logging

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**BRAND: Milwaukee Instruments** 

sкu: MW180

RANGE PH: -2.00 to 16.00 pH / -2.000 to

16.000 pH

 $MV: \pm 699.9 \text{ mV} / \pm 2000 \text{ mV}$ 

RANGE EC: 0.00 to 29.99 uS/cm / 30.0 to 299.9 uS/cm | 300 to 2999 uS/cm | 3.00 to 29.99 mS/cm | 30.0 to 200.0 mS/cm, up to 500.0 mS/cm (uncompensated EC)\*

RANGE TDS: 0.00 to 14.99 ppm (mg/L) | 15.0 to 149.9 ppm (mg/L) | 150 to 1499 ppm (mg/L) | 1.50 to 14.99 g/L (ppt) | 15.0 to 100.0 g/L (ppt) | up to 400 g/L (uncompensated TDS)\*( with 0.80 factor)

RANGE SALINITY: 0.0 to 400.0% NaCl

range temperature: -20.0 to 120.0°C  $\mid$ 

-4.0 to 248.0°F

MANUAL: Milwaukee MW180 Manual

QUANTITY

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**SPECIFICATIONS** 

Specifications

Reviews

Details



pH Range: -2.00 to 16.00 pH / -2.000 to 16.000 pH

mV Range: ±699.9 mV / ±2000 mV

EC Range: 0.00 to 29.99 uS/cm / 30.0 to 299.9 uS/cm

EC Range: 300 to 2999 uS/cm

EC Range: 3.00 to 29.99 mS/cm / 30.0 to 200.0 mS/cm EC Range: up to 500.0 mS/cm (uncompensated EC)\*

TDS Range: 0.00 to 14.99 ppm (mg/L)

TDS Range: 15.0 to 149.9 ppm (mg/L) / 150 to 1499 ppm (mg/L) TDS Range: 1.50 to 14.99 ppt (g/L) / 15.0 to 100.0 ppt (g/L)

TDS Range: up to 400 g/L (uncompensated TDS)\* (with 0.80 factor)

NaCl Range: 0.0 to 400.0%

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

pH Resolution: 0.01 pH / 0.001 pH mV Resolution: 0.1 mV / 1 mV

EC Resolution: 0.01 uS/cm / 0.1 uS/cm / 1 uS/cm

EC Resolution: 0.01 mS/cm / 0.1 mS/cm

TDS Resolution: 0.01 ppm (mg/L) / 0.1 ppm (mg/L) / 1 ppm (mg/L)

TDS Resolution: 0.01 ppt (g/L) / 0.1 ppt (g/L)

NaCl Resolution: 0.1%

Temperature Resolution: 0.1°C / (0.1°F)

Accuracy @ 20°C / 68°F pH: ±0.01 / ±0.002 pH mV: ±0.2 mV / ±1 mV

EC:  $\pm 1\%$  of reading /  $\pm 0.05$  uS/cm or 1 digit, whichever is greater TDS:  $\pm 1\%$  of reading /  $\pm 0.03$  ppm or 1 digit, whichever is greater

NaCl: ±1% of reading

Temperature: ±0.4°C (±0.8°F) Rel mV offset: ±2000 mV

Calibration

pH: 1, 2 or 3 calibration points, with 7 memorized buffers: 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45

EC/TDS: 1 point slope calibration, 6 standards: 84 uS/cm, 1413 uS/cm, 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm /

1 point offset calibration: 0.00 uS/cm

NaCl: 1 point, with MA9050 salinity calibration solution Temperature: 2 points, 0 and 50°C (32 and 122°F)

Temperature Compensation: Automatic or manual from -20.0 to 120.0°C (-4.0 to 248.0°F) Conductivity temperature coefficient: Selectable 0.00 to 6.00 % / °C (EC and TDS only)

TDS factor: 0.40 to 0.80 / Default value: 0.50

pH Probe: MA917B/1 (included)

Temperature Probe: MA831R (included) EC Probe: MA814DB/1 (4 ring, included)

Logging-On-Demand: Maximum 50 samples for each range: (pH, mV /Rel mV, EC, TDS, NaCl)

PC Connectivity: RS232/USB opto isolated Power Supply: 12 VDC adapter (included)

Dimensions: 230 x 160 x 95 mm (9.0 x 6.3 x 3.7 inches) Environment: 0 to  $50^{\circ}$ C / 32 to  $122^{\circ}$ F; max RH 95%

Weight: 0.9 kg / 2.00 lbs. Warranty: 3 years Meter to help.

Got any questions? We're happy





## RELATED PRODUCTS

Milwaukee PH-START Starter Solution Kit for pH Meters and Testers

\$36.00

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★★★★↑ Reviews

SKU: MA9004

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★★★★14 Reviews SKU: MA9007

Milwaukee MA9010 pH 10.01 Calibration Solution

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★★★★★2 Reviews

SKU: MA9010

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## Milwaukee MW180 MAX pH/mV/EC/TDS/NaCl Temp Bench Meter with Logging

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