



## 2 digit Portable pH/EC/TDS



The Milwaukee SM802, with a conductivity range that goes up to 6.00mS/cm and the TDS up to 4000 ppm is ideal for testing in crop production. Soil and well water pH that is too acidic or alkaline can have an adverse effect on plant nutrient and water uptake and directly effect the efficiency of fertilizer, herbicides and pesticides.

Soil Conductivity is checked before fertilizer application to pinpoint field needs and after fertilization to establish its effectiveness.

Specifications		
Range	pH	0.0 to 14.00 pH
	EC	0 to 6.00 mS/cm
	TDS	0 to 4000 ppm
Resolution	pH	0.10 pH
	EC	0.01 mS/cm
	TDS	10 ppm
Accuracy	pH	±0.20 pH
	EC/TDS	±2% Full Scale
Conversion Factor		0.68
Calibration Solution		M10007 (pH 7.01) M10442 (1500 ppm) M10031 (1413 µS/cm)
Calibration		manual, at 1 point
Temperature Compensation		Automatic, from 0 to 50°C
Probe		MA850 combination pH/EC/TDS probe
Environment		0 to 50°C / 32 to 122°F; max RH 95%
Physical Specs	Battery Type	9V alkaline
	Battery Life	approx. 150 hours of use
	Auto-Off	after 8 minutes of non-use
	Dimensions	185 x 82 x 45 mm
	Weight	165 g