

SPECIFICATIONS

METER	
Dimensions	7.5 x 4.75 x 2.25 inches
Weight	2.5 lbs without probe(s)
Construction / Environmental Protection	ABS high-impact plastic, corrosion proof, sealed to NEMA4/IP64
Resistivity Range	0 to 1.5M ohm-cm
Resistivity Accuracy	+/- 5% of the reading
pH Range	3 to 10 standard units
pH Accuracy	+/- 0.5 standard units
Display	Liquid Crystal, 2 lines of 16 characters
Switches	NEMA4/IP64 sealed toggle switches
Power Supply	4 AA alkaline batteries (provide approximately 100 hours of continuous operation)
Ambient Operating Temperature / Humidity	-15 to 60° C 0 to 100% non-condensing
PROBES	
Bell Hole Probe	T-handle 12 inches by 5/8-inch diameter shaft of carbon steel construction with 3/4-inch diameter measurement sensor for pH and resistivity; probe wire with coiled cable for direct connection to soil probe meter.
Subsurface Probe	T-handle 40 inches by 5/8-inch diameter shaft of carbon steel construction with 3/4-inch diameter measurement sensor for pH and resistivity; probe with cradle for direct connection to soil meter.
PROTECTIVE CASE	
CASE – Watertight, crush proof, and dust proof with easy-open, double-throw latches, open-cell core with solid-wall design, o-ring seal, fold down handles, stainless steel hardware and padlock protectors.	
DIMENSION -Outside dimension 53 x 16 x 6 1/4 inches	
LID AND BACK – double-walled construction for added crush resistance and strength	
WEIGHT - 20 pounds without soil probe meter, bell hole probe, subsurface probe and accessories	
INSIDE CASE – fitted with 2.2-pound density polyethylene foam. Foam insert is molded to fit the soil probe meter, bell hole probe, subsurface probe, maintenance kit and soil probe meter manual.	

MSES Corrosion Products Division equipment is under continuous development and specifications are subject to change without notice.



FEATURES



- (A) LCD Display (2 lines)
- (B) Mode Selection Switch for Soil pH or Resistivity
- (C) Bell Hole Probe or Subsurface Probe Connection
- (D) Battery Door on Back of Case
- (E) Calibration Switch
- (F) On/Off Switch

FEATURE SUMMARY

Digital Reading	Soil pH and resistivity is a direct read from one probe with a digital display.
Digital Circuitry	Eliminates the need to null the meter for soil resistivity; soil pH is obtained from same probe and processed digitally; digital circuitry allows for repeatable readings with improved accuracy.
Internal Calibration	Soil Probe Meter contains an internal calibration circuit, which allows the meter to self-calibrate in the field.
LCD Display	Two lines and easy to read in most light conditions.
Ease of Use	One probe, one meter, digital display, two soil test results...pH and resistivity.
Rugged Construction	The Soil Probe Meter is housed in a water-resistant (NEMA 4/IP64) case for protection from the elements in outdoor applications. Probes are constructed of steel with baked on coating for longer life.
Protective Case	Each Soil Probe Meter comes standard with a blow-molded HDPE case.
Probes	Each Soil Probe Meter is furnished with two complete probes and ready to use...one bell hole probe and one subsurface probe.
Soil Probe Meter	Meter case is ergonomically designed for single-hand operation and is shock resistant.

For More Information Contact:

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