



ENVIRONMENTAL EQUIPMENT AND FIELD SUPPLIES

**Hanna Direct Soil pH Measurement Kit Specifications**

<b>Range</b>	pH	-2.00 to 16.00 pH
	Temperature	-5.0 to 105.0°C / 23.0 to 221.0°F
<b>Resolution</b>	pH	0.01 pH
	Temperature	0.1°C / 0.1°F
<b>Accuracy @ 20°C</b>	pH	±0.02 pH
	Temperature	±0.5°C (up to 60°C), ±1°C (outside); ±1.0°F (up to 140°F), ±2°F (outside)
<b>pH Calibration</b>		automatic one or two point calibration with two sets of memorized buffers (Standard 4.01, 7.01, 10.01 or NIST 4.01, 6.86, 9.18)
<b>Temperature Compensation</b>		Automatic, -5 to 105°C (23 to 221°F)
<b>pH Electrode</b>		HI 1292D glass body, pre-amplified pH electrode for soil measurement with internal temperature sensor, DIN connector and 1 m (3.3') cable (included)
<b>Battery Type / Life</b>		1.5V AAA (3) / approximately 1200 hours of continuous use; auto-off after 8 minutes of non-use
<b>Environment</b>		0 to 50°C (32 to 122°F); RH max 100%
<b>Dimensions</b>		152 x 58 x 30 mm (6.0 x 2.3 x 1.2")
<b>Weight</b>		205g (7.2 oz.)