

DS-PH-3121

Direct Soil pH Meter

- Automatic Temperature compensation (ATC)
- Two-Point calibration
- Battery Error Prevention System (BEPS)
 - Alerts the user of low battery power that could adversely affect readings
- Waterproof
 - Compact, heavy-duty, and waterproof protected casing.
- Battery life indicator
 - Battery percentage displayed on startup.

The DS-PH-3121 is the perfect portable pH meter for soil testing with the DS-PH-3121 and DS-PH-3121 direct soil pre-amplified pH and temperature probe, users can test both the pH of soil directly or after preparation of a soil slurry with deionized water.

The DS-PH-3121 features a conical, rugged tip that can be directly inserted in moist or soft soil. For harder soils, the kit includes a plastic.

Soil preparation solution

For higher degrees of accuracy, or for stony ground where the electrode may be damaged, use the included DS-PH-3121 soil preparation solution.



Specifications	DS-PH-3121	
pH	Range	-2.00 to 16.00 pH
	Resolution	0.01 pH
	Accuracy	±0.02 pH
	Calibration	-2.00 to 16.00 pH
	Range	One on two-point calibration, two sets of standard buffers available (4.01, 7.01, 10.1 or NIST 4.01, 6.86, 9.18)
	Temperature Compensation	Automatic from -50 to 105.0°C (23 to 221°F)
Temperature	Range	-5.0 to 105.0°C; 23.0 to 221.0°F
	Resolution	0.1°C; 0.1°F
	Accuracy	±5.0°C (up to 60°C), ±1.0°C (outside); ±1.0°C (up to 140°F), ±2.0°F (outside)
Electrode	Electrode	DS-PH-3121 glass body, pre-amplified pH electrode for soil measurement with internal temperature sensor, DIN connector and 1 m (3.3') cable (included)
	Battery Type/Life	1.5V AAA (3)/approximately 1200 hours of continuous use
	Auto-off	after B minutes of non-use
	Environment	0 to 50°C(32 to 122°F); RH max. 100%
	Dimension	152 x 58 x 30mm (6.0 x 2.3 x 1.2")
	Weight	205g (7.2oz.)

Regulatory compliances



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