

SOTA pH Electrode



Laboratory pH electrode with 12 mm polymer body and optional integral temperature sensor

- Removable protective guard for easy cleaning
- Patented Teflon® junction and gelled electrolyte deliver high performance and low maintenance
- Optional refillable reference chamber
- Optional double chamber reference system helps prevent fouling in harsh applications
- ORP option available
- Rugged 12 mm polymer design
- NEMA 6 rated detachable cable system available as an option to integral cable

For use with laboratory or portable pH/ORP meters in research or field measurements

SOTA	Specifications
Measurement range	pH 0 - 14
Pressure range	0 to 5 psig
Temperature range	- 5 to 100°C (23 to 212°F)
Temperature sensor	Pt100 optional
Minimum conductivity	10 µS/cm
Electrolyte	KCl/AgCl gel
Response time (@ 25°C / 77°F)	95% of reading in 10 seconds
Materials of construction	Polymer body

SOTA					
	PH PB	Measuring Element pH Platinum ORP			
		DJ RF	Version Double Junction Refillable reference chamber		
			N C	Probe No temperature compensation Pt100 Temperature Element (not ORP)	
					Cable 3 Integral 3 ft cable, BNC 8 NEMA 6 waterproof connector (Requires NEMA 6 Cable)

Order
Code

Cables	pH Cable with NEMA 6 Waterproof Connector, Stripped and Tinned Ends
Z7062	4.5 Meter Coax Cable pH only
Z7063	10 Meter Coax Cable pH only
Z7064	5 Meter Multi-conductor Cable for pH and Temp
Z7065	10 Meter Multi-conductor Cable for pH and Temp
	pH Cable with NEMA 6 Waterproof Connector, BNC and Tinned Ends
Z7062-BNC	4.5 Meter Coax Cable pH only
Z7063-BNC	10 Meter Coax Cable pH only
Z7064-BNC	5 Meter Multi-Conductor Cable for pH and Temp
Z7065-BNC	10 Meter Multi-Conductor Cable for pH and Temp
Calibration Solutions	
OPY 21	NIST Traceable pH Calibration Solution, pH 4.00, 1000ml
OPY 23	NIST Traceable pH Calibration Solution, pH 7.00, 1000ml
OPY 30	NIST Traceable ORP Calibration Solution, Value: +220mV @ pH 7.00, 1000ml
OPY 31	NIST Traceable ORP Calibration Solution, Value: +468 @ pH 7.00, 1000ml

Accessories