

ProSense™

POLARIZATION PROBE

PRODUCT DESCRIPTION

The polarization probe is designed for cathodic protection (CP) potential monitoring and supports IR-drop-minimized polarized potential measurements. It is used to detect and monitor the CP potential of buried steel pipelines with stable performance. When used with an Intelligent Test Station, the probe helps minimize IR-drop effects in the soil, providing more reliable and accurate potential measurement results.



PRODUCT PERFORMANCE

Measurement Accuracy

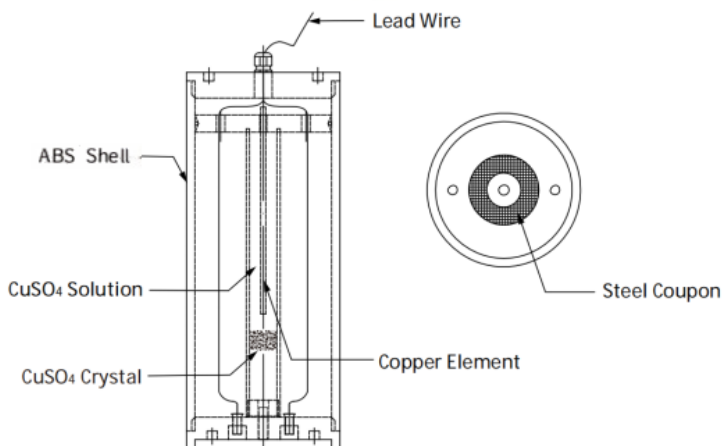
- Integrated design supports reliable measurement of AC voltage, native potential, and polarized potential.

Anti-Interference Performance

- Supports stable measurements in environments affected by stray current and helps minimize IR-drop effects for more reliable potential measurement.

Service Life

- Large-capacity reference electrode design, combined with high-insulation sealing, helps extend reference electrode service life.



PRODUCT FEATURES

Structural Design & Installation

- Compact, integrated design enables quick and easy installation.

Sealing Technology

- High-performance, high-insulation sealing enhances long-term operational reliability.

Custom Engineering Capability

- Product configurations can be customized to meet project-specific requirements.

Reference	Title
EN 13509	CATHODIC PROTECTION MEASUREMENT TECHNIQUES

PRODUCT PARAMETERS

Operating Temperature	0-55°C
Potential Stability	±5 mV at 0.3 mA

MODELS AND SPECIFICATIONS

Model	AT-PTP-1
Type	Stationary
Size	75 mm Diameter, 280 mm Length
Enclosure Material	High Impact Strength ABS
Potential Stability	±5 mV at 0.3 mA
Water Tightness	196 kPa water pressure, ≥15 min
Insulation	Resistance > 1 MΩ
Lifespan	20 years
Recommended Environment	Soil, fine sand



Please contact Advance Technology for further details.



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