

Model IP - Seawater Reference Electrode

Typical Applications

- Portable use - intermittent potential measurements in seawater
- Permanent use - piers, pilings, traveling screens, and other marine structures

Featuring

- Sized to join with standard ½ inch PVC conduit or pipe fittings
- Rugged white PVC housing
- Ag/AgCl or Zn element for open seawater (marine) applications



Housing Specifications

0.840 inch (21.3 cm) dia.
3 ¼ inch (8.3 cm) long white PVC
Shipping weight without wire – ½ lb. (¼ kg)

Element Types

AGD - dry-type Ag/AgCl
ZIN - 99.99% zinc

Terminations

ST - 1/4-20 NC threaded stud
SW - 25 ft. (7.5 m) #18 AWG PVC insulated test lead
LWnnn - additional lead wire in 25 ft. increments

Model Designation

Specify as EDI Model IP-xxx-yy
xxx = Element type
yy = Termination type

The **Model IP** is a compact, economical, dry-type reference electrode for marine applications. It is 0.840 inch (21.3 cm) diameter which enables the user to cement on any ½ inch socket-end PVC pipe or electrical conduit fitting (e.g. male or female conduit thread or couplings) for permanent installation. Examples of this are shown on EDI Drawing IPASY - 5 where ½ inch PVC couplings serve as transition pieces for running the lead wire through conduit or attaching the electrode to a wall. For intermittent use, the **Model IP** has a blind 1/4-20 NC tapped hole for attaching up to a 5 lb (2 kg) weight. Should more weight than that be necessary, the electrode and the weight should be attached to a separate drop line as shown on EDI Drawing IPASY - 4.

This product is intended for use in clean full strength seawater. Our **Model IR-AGG** Immersion Reference will give better service in polluted seawater or brackish seawater where the salinity varies with the tidal cycle.

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*I Series
Immersion
Reference
Electrodes*

