



DUCTILE IRON CORROSION PROBE

Accurately Measure Ductile Iron Corrosion Rates Underground and Under Wrap!

The Model DIP-1 is an Electrical Resistance (ER) corrosion sensor designed specifically for ductile iron installations. The probe is made of ductile iron with the annealing oxide layer intact for accurate MPY loss rates. Measure cumulative corrosion and calculate the in-situ corrosion rates. The sensor has a very low profile (0.150") and will lay below a polyethylene encasement without interfering with the baggie.

Features:

- Ductile Iron element with annealing oxide intact
- Works with or without CP applied
- Low-profile facilities under-wrap (polyethylene encasement) installation
- e with standard ER instrumentation
- (9m) cable with standard 6-pin connector lead for connection to pipe or structure



Carbon Steel Probe
Also Available

Distributed by

Use the Model T-3 CP Test Station
as the
access
point for the
Model DIP-1



AVAILABLE FROM STOCK!

www.teststations.com

www.detectron.com



www.tinker-rasor.com

Info@tinker-rasor.com

Tinker & Rasor quality is found in our products,
our people and our customer service.





TINKER & RASOR

CORROSION MITIGATION INSTRUMENTATION

PRODUCT DATA SHEET MODEL DIP-1 DUCTILE IRON PROBE

Features:

- Ductile Iron element with annealing oxide intact
- Works with or without CP applied
- Low-profile of element facilitates installation under polyethylene encasement
- Compatible with standard ER instruments
- 30' (9m) cable with standard 6-pin connector
- Additional pigtail lead for connection to CP

Construction:

Element made of ductile iron for accurate corrosion rate readings.
Built for harsh underground environments.
Measurement span (life): Nominal 25 mils (0.63 mm)
Measurement element area: 1 in² (6.5 cm²)
Mil-spec 6-pin connector.
Cable length: 20' ribbon + 10' round; breakout wire at instrument end for connection to pipe or structure.
Flat ribbon cable for low profile along pipe.

Applications:

- Use on any buried ductile iron installation with or without CP.
- Benchmark soil corrosivity
- Native soil corrosion
- Measure under Polyethylene Encasement (PE: AWWA C105 Appendix A)

Recommendations:

Compatible with standard ER probe instrumentation, i.e. Metal Samples MS0500 and MS1500E or other.

Dimensions:

6.00" x 1.00" x 0.15"
(154. mm x 26.8mm x 3.8mm)



Small Size
Low Profile
Long Life

Cable connections sealed from the environment, with only the measurement element exposed. Military-style 6-pin connector is weather proof, as well. Single lead breakout from connector for connection to CP. Flat ribbon cable from probe continues low profile to end of PE wrap (20'), then round cable (10') leads to test station.



MODEL DIP-1 DUCTILE IRON PROBE

DELIVERY: **Immediately from STOCK**
F.O.B. San Bernardino, CA USA
SERVICE: **24-hour Turn-Around**
TERMS: Net30 Days, on approval of credit
WARRANTY: **90 Days**, parts and labor