



General features

The CORROSOMETER systems measure metal loss on a continuous basis without removal from the corrosive environment. Metal loss from corrosion or erosion is determined from the increase in electrical resistance of the metal element (wire, tube or strip) exposed to the environment. Monitoring instruments convert the resistance change into metal loss and corrosion rate readings.

Applications:

This technique can be applied to virtually all corrosive environments, (irrespective of conductivity), including: oil & gas; chemical; petrochemical; atmospheric; soil; water; pulp & paper; food & beverage; others.



General features

The CORRATER systems measure instantaneous corrosion rate and pitting tendency in conductive liquids by the electro-chemical technique of linear polarization resistance (LPR). The method applies a small polarizing potential difference between two electrodes and measures the resulting current, which is proportional to the corrosion rate.

Applications:

CORRATER systems enable industrial and municipal water system operators to optimise their chemical treatment programs. Typical processes include: cooling water; process water; potable water; and effluent.



General features

Access systems provide safe access to any system at pressure up to 6'000 PSI (41.3 MPa) and temperatures from -50°F to 450°F (-45°C to 232°C). All 2" high pressure components are designed and manufactured in accordance with NACE MR-01-75 for highest quality. Access systems are known for safe, reliable performance and can be teamed up with coupon, probes and chemical injection systems.

Applications:

Systems can be used at full service pressure in oilfields, pipelines, refineries and process lines.



General features

The Retractable System is designed to permit safe insertion and removal of probes, coupons, and injection/sampling equipment in process systems with intermediate pressure, up to 1500 PSI (10.3 MPa) and maximum temperature between -20°F to 1'000°F (-29°C to 538°C). High temperature versions are available to 1'000°F. This system provides access through standard 1-1/2" (or larger) gate valves or 1" full-port valves. For pressure above 100 PSI, the Model 60 Retractor and safety clamps are recommended.

Applications:

The Retractable System is ideal for refineries, pipelines, chemical and petrochemical plants with intermediate pressure processes.