Real-time Measurements of Corrosion Rates in Aqueous Systems with or without Cathodic Protection (CP)

Applications of nanoCorr Analyzers and Coupled Multielectrode Sensors in Liquids and Gases, or under Deposits

NanoCorr Analyzer

System Components
(pipes, vessels, …)

CP Anode
(optional)

Battery

Reference Electrode
(optional)

Condensate or Corrosive Deposits

Multielectrode probes Made of System Material

Probe Connector

Coupling Joint

Reference Connector

Real-time Measurements of Corrosion Rate in Wet Gases or under Corrosive Solid Deposits

System Components
(pipes, vessels, …)

Normal or High T & P Wet Gases

Electrode flush mounted Probe

Probe Connector

Coupling Joint

Wet Gases

System Components
(pipes, vessels, …)

Normal or High T & P Liquid

Multielectrode Probes Made of System Material

Pressure boundary sliding tube for electrode position adjustment (Used with a Packing Gland)

Electrode leads

Packing Gland (Queon seal)

Ceramic or PTFE Tube

Electrode #1

Electrode #n

Multielectrode Sensors in Liquids and Gases, or under Deposits

NanoCorr Analyzers and Coupled Multielectrode Sensors in Liquids and Gases, or under Deposits

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