

In an effort to improve our corrosion testing, we've made some upgrades to our autoclave test cells:

- Added a purge/vent line in each cell to eliminate any oxygen introduced in the filling process
- Improved electrode design allows for a more effective seal. Electrode assemblies are threaded into the base of the autoclave lid.
- New electrode supplier – improved quality and surface finish
- Ability to perform controlled low temperature testing – as low as 0°

And as always, we have the ability perform:

- High Temperature – up to 90°C
- High Pressure – up to 1000 psi
- Electrochemical measurements via a Gamry PC4-300 Potentiostat and Controller
- Sour testing capabilities

All of our reports include the following:

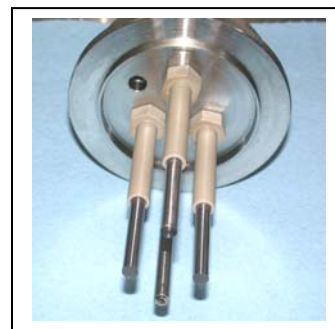
- Graph of Corrosion Rate versus Time
- Weight Loss Corrosion Rate
- Visual Inspection
- Electrode Photographs

We also offer the following services:

- Rotating Cylinder Electrode Testing
- Wheel Testing
- Alloy testing
- Cyclic Potentiodynamic Polarization Scans
- Field Coupon Analysis
- Screening Tests: Foaming, Emulsion Forming, Dispersibility
- Failure Analysis



Old Electrode Assembly



Redesigned Electrode Assembly

If we can help, please contact: **Cormetrics Limited**

Bay 4 – 2280 39th Avenue N.E.

Calgary, Alberta T2E 6P7

Phone: (403) 212-1229

Email: lwhitten@cormetrics.ca

Internet: www.cormetrics.ca