

CALIBRATION & MAINTENANCE

Standard Greenlight Services



Calibrated equipment is critical to obtaining accurate results

- » Mass flow controller calibration
- » Calibration of all transducers including thermocouples, voltage measurement, and pressure sensors
- » Calibration or replacement of gas detectors
- » Verification and tuning of process systems
- » Software and equipment training

Calibration & Maintenance

Upgrade Capabilities

Electrical Hardware

- » Conversion to Battery Test System
- » Integration of diagnostic tools: oscilloscopes, AC impedance, current interrupt, etc.
- » Additional I/O and I/O replacement (e.g. Fieldpoint to Beckhoff)
- » Upgrade of computer & monitor (will increase processing speed and reduce memory usage)
- » Increase of cell voltage monitoring channels

Mechanical Hardware

- » Upgrade to high temperature PEM operation
- » Additional gas lines or gas mixing conversion
- » Preventive maintenance (e.g. pump seals, insulation, thermocouples, filters, etc.)
- » Spare parts or upgrade of older components (e.g. pressure transmitters, pumps, fittings, tubing, heaters, heat tapes etc.)
- » Upgrade of mechanical systems (e.g. flow, pressure, high temperature upgrades)
- » DI water system or booster pump hardware

Software

- » Full software upgrade with latest version and features
- » Additional GUI modifications and updates to accommodate new test protocols
- » Integration of third party hardware
- » Full integration of existing Gamry AC Impedance unit
- » Development of Emerald™ scripts or script library
- » Remote control and/or database tools for labs with multiple test stations
- » Custom software development and consultation



For spare parts and small service related orders, Greenlight accepts Visa, MasterCard and American Express
Please contact our Service Department for more information.

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