Automated Assembly & Testing Solutions for:
Fuel Cells • Batteries • Electrolysers

The Test and Automation Specialists: greenlightinnovation.com
Automated Manufacturing

Assembly solutions for electrochemical cells

Greenlight offers turn-key automated assembly and testing solutions to customers in the fuel cell, battery, green energy and manufacturing industries.

Available products:

- Robotics
- Automated assembly equipment
- Tooling and fixtures
- Motion control systems
- PLC systems
- Custom machinery

Fuel Cell Stack Assembly Press with Integrated Leak Test Fixture

Robotic Cell Assembly

Battery Pack Assembly
Testing Equipment
Experience you can trust

Greenlight Fuel Cell Test
Stations are the industry leading standard for testing PEM, DMFC, SOFC and molten carbonate fuel cells.

Greenlight offers turn-key battery testing platforms including resistive or regenerative load banks, power supplies, dynamic automation capability, high common mode cell voltage monitoring and Greenlight’s Emerald™ control software.

Greenlight offers a wide range of automated PEM and Alkaline electrolyser test stands for R&D and durability testing applications.

Greenlight’s turn-key flow battery test systems include load/power supply modules, automated control of flow and temperature of electrolyte fluids, CVM, and Emerald™ dynamic automation software.

Control & Automation Software
Emerald™ control software: the Greenlight advantage.

The Emerald™ software suite manages the full range of test system parameters, including data acquisition, diagnostics, automation and safety subsystems.

Numerous test components, such as cooling modules, environmental chambers, loads, power supplies, data acquisition and diagnostic tools, can be controlled from a central control station.

The Test and Automation Specialists: greenlightinnovation.com
The Greenlight Difference:
We have been manufacturing fuel cell, battery and electrolyser testing equipment since 1992. With Greenlight, you can count on the fact that you are buying experience, innovation and unparalleled engineering and testing expertise.

Environmental Chambers
Software-integrated environmental chambers for full control of temperature, pressure and humidity

Walk-in Chamber

Research Cell Hardware

PEM Electrolyser
PEM Fuel Cell
Flow Battery
Worldwide Support

Wherever you are, we can help

Service and Support

Greenlight is setting the standard in customer service:

Greenlight testing equipment is designed for longevity, but regular maintenance and calibration is critical for optimum performance.

- Calibration
- Maintenance
- Upgrades

Greenlight Innovation Head Office
104A-3430 Brighton Avenue
Burnaby, British Columbia, Canada  V5A 3H4
Phone: (+1) 604 676 4000
www.greenlightinnovation.com

For further information please email us at:
sales@greenlightinnovation.com