



GREENLIGHT
INNOVATION



**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:

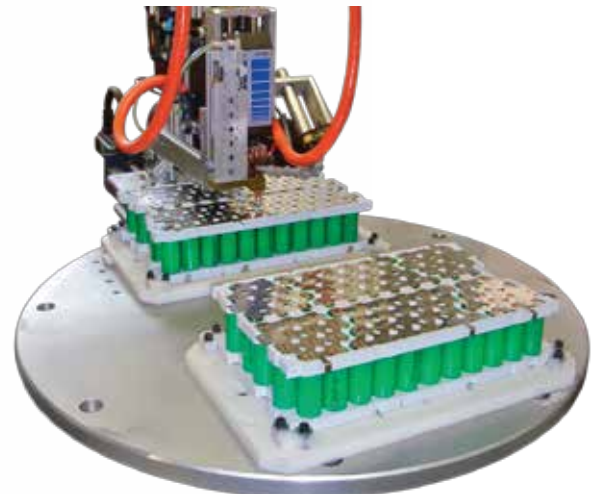
- Robotics
- Automated assembly equipment
- Tooling and fixturing
- Motion control systems
- PLC systems
- Custom machinery



Fuel Cell Stack Assembly Press with Integrated Leak Test Fixture



Robotic Cell Assembly



Battery Pack Assembly



Testing Equipment

Experience you can trust

Software

Intuitive and flexible

FUEL CELL TESTING



G500

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

BATTERY TESTING



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.



ELECTROLYSER TESTING



E400

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

FLOW BATTERY TESTING



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 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

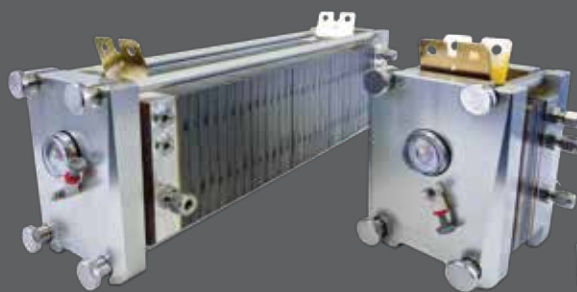


Walk-in Chamber

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

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