

SOFC Test Fixtures



Button Cell Test Fixture:

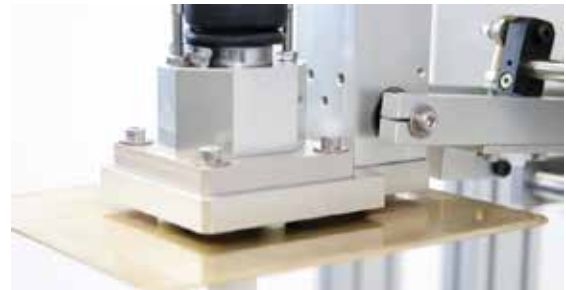
- Designed for rapid screening of coin cell samples
- Simple and reliable design
- Designed for even pressure distribution across cell circumference
- Available with optional cells and seals
- Available as a turnkey test system, fully integrated with Greenlight test stations

Features

SOFC Button Cell Tester

Developed in conjunction with leading SOFC researchers, the SOFC button cell test jig is ideally suited for rapid testing of coin cells. This design allows user-adjustable compression of the test cell, regardless of cell thickness.

- Standard configuration is for 25mm cells (other sizes available)
- Features platinum wire mesh electrodes with separate current collector and voltage sense
- Interface panel includes 316SS compression fittings for fuel and oxidant and type K thermocouples
- Available with furnace, cathode exhaust recovery, and heat-traced supply lines included with test station



Options

SOFC Single Cell / Stack Test Station

- Power ranges from 0.5 - 5kW+
- Available PLC control for safe and stable operation
- Comprehensive safety features
- Emerald™ control and automation software
- Easily expandable for additional I/O and diagnostic tools
- Fully automated for unattended operation
- Numerous furnace configurations available
- Available CE certificate of conformity



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