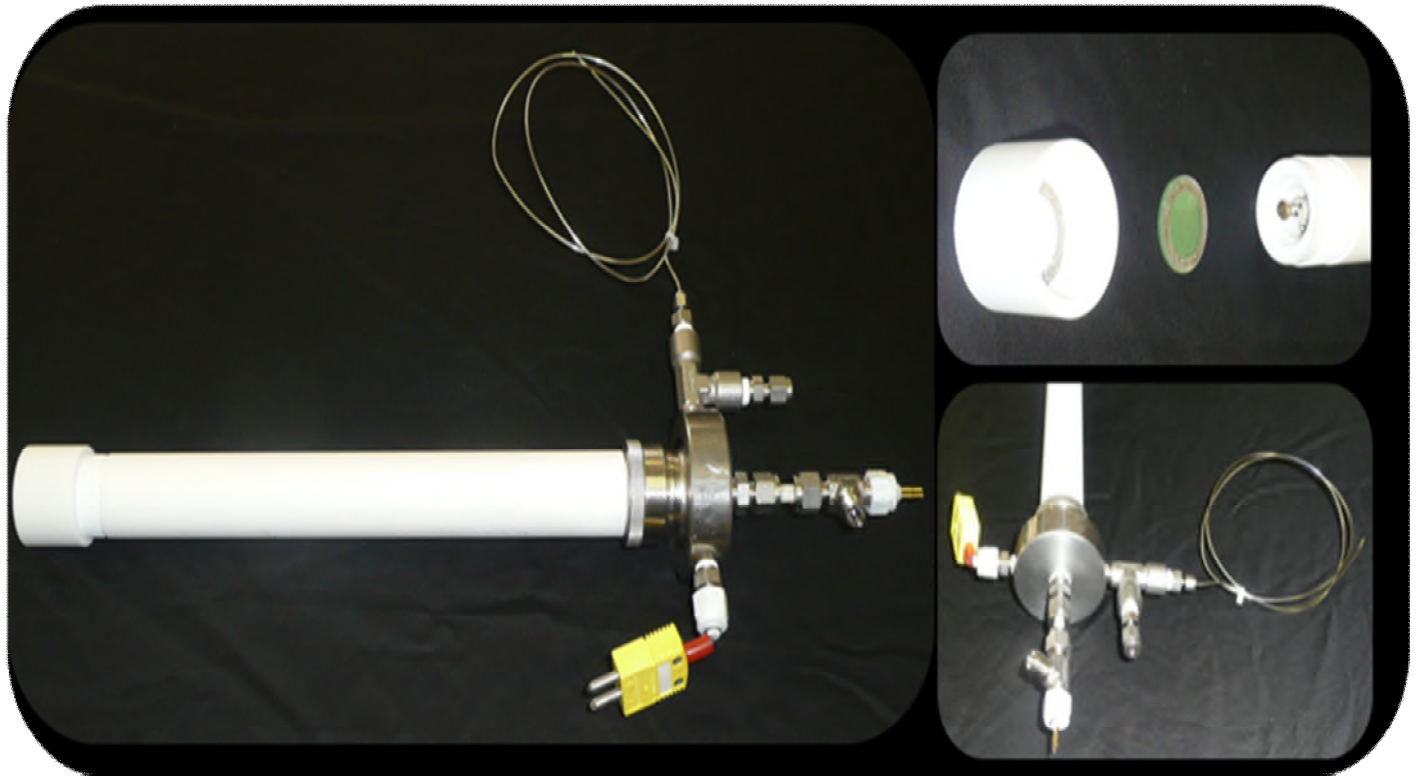




Mound Technical Solutions, Inc.

965 Capstone Dr. POB 203 Miamisburg, OH 45343 USA
937.865.3715 www.moundtech.com

Solid Oxide Fuel Cell Rapid Prototype Test Fixture



Capabilities

- ✓ Hermetic seal of button test cell
- ✓ 950°C test cell end of fixture
- ✓ Ambient temperature supply end
- ✓ Re-usable fixture
- ✓ Custom cell size/configurations
- ✓ Rapid assembly for test
- ✓ Preserve test cell (non-destructive)
- ✓ Material compatibility
- ✓ Fuel and electrical provisions
 - * Fuel directed at cell via feed tube
 - * Exhaust port with analytical capillary
 - * Temperature measurement at cell
 - * Current & sense via solid gold impinger

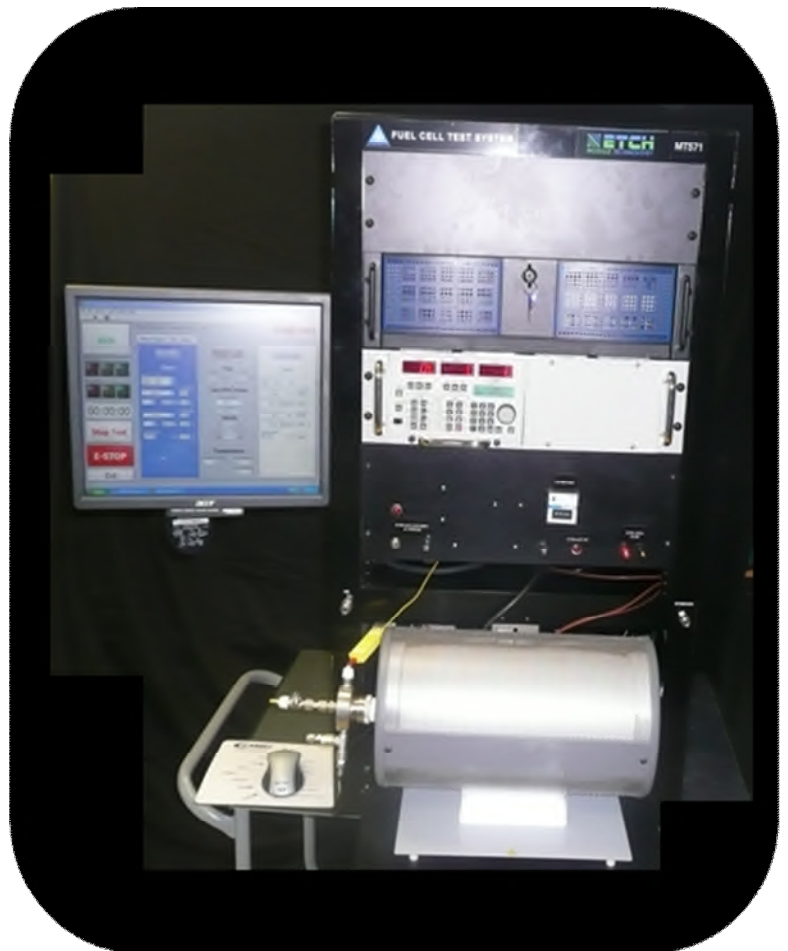
Cost Benefits of MoundTech RPTF

- Assembly time (gluing takes hours of lab time)
- Leaky test cell is efficiently replaced
- Fixture is re-usable
- Test coupon is re-usable (non-destructive test)
- Parametric study estimates average cost of \$5,500 for a lab to successfully test 4 cells

Contact MoundTech for
fuel cell testing needs

1-937-865-3715
1-937-623-1572

solutions@moundtech.com



RPTF 05/09

MTS • 965 Capstone Drive • Suite 140 • P.O. Box 203 • Miamisburg, Ohio 45342
phone: 937-865-3715 • fax: 937-865-4890 • e-mail: solutions@moundtech.com