



Solid Oxide Fuel Cell Test Kits

fuelcellmaterials.com offers readily available and cost effective solutions for testing of individual planar solid oxide fuel cells, both large and small. The 28 cm² fuel cell test kit contains all items necessary to effectively mount cells with ~100 cm² substrates, while the Probostat™ is a complete test fixture for 20 mm diameter button cells. Designed for both long and short term experiments, these kits will accelerate research and development activities at Universities, National Labs and Industrial SOFC developers.

Applications

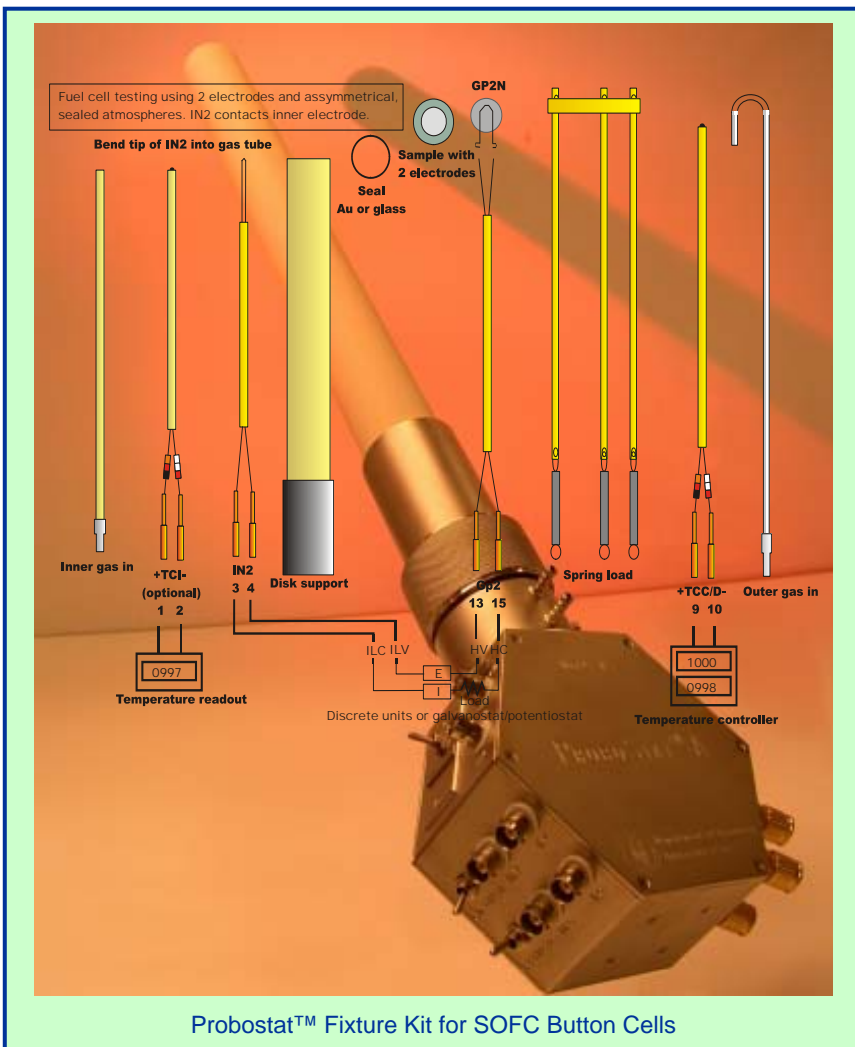
- Anode and cathode development
- Seal and interconnect development
- Gas quality and impurity testing
- Short and long-term performance testing
- Standardization of testing
- Much more

Features and Benefits

- Complete, cost effective high temperature cell mounting kits
 - Works with most test stands
- Excellent gas flow configurations and electrical connections
 - Minimize temperature gradients and enhance reproducibility
- Low chrome content
 - Minimize cathode contamination
- Solutions for sealing and interconnection
 - Begin to take measurements quickly and easily
- Spare parts readily available to keep you running
- Experienced staff to support your efforts



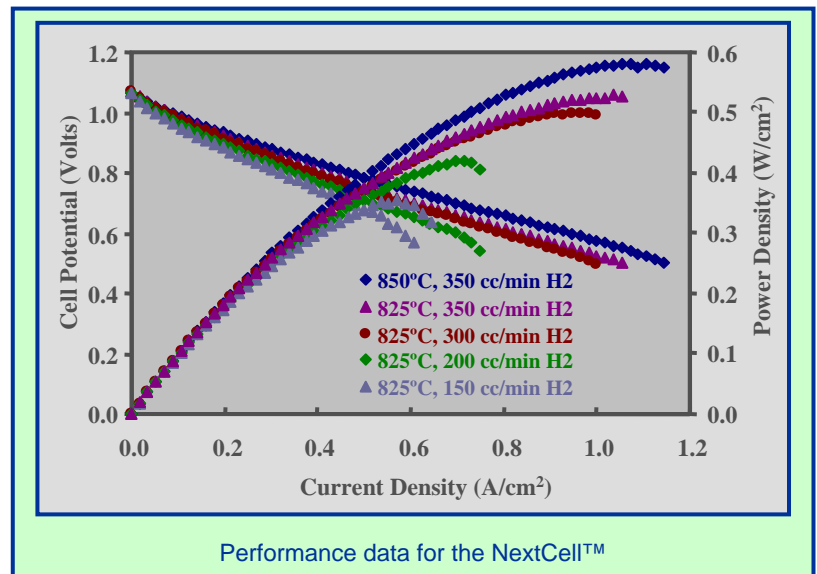
Complete 28 cm² Test Kit



Fuel Cell Test Kits Include

- A set of Manifolds or the Probostat test fixture
- NextCells™ for training and baseline testing
- Cathode interconnect materials and inks
- Anode interconnect materials and inks
- Seals appropriate to each fixture
- Platinum wire for fabricating leads
- Installation instructions

fuelcellmaterials.com has an experienced support team that can help you with set-up and troubleshooting of your test kits. The fuel cell test kits are now available for purchase at our website, www.fuelcellmaterials.com. Please contact us for more information.



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