

While your Colleagues are Away, How about a Lab Upgrade?



Product Spotlights



GDC10-M
Gadolinium doped
Ceia (10mol%Gd) M-
Grade

Use for mixed
electrodes, or to aid in
sintering dense pellets

[Read more...](#)

Are you Monitoring Hydrogen at your Facility?

Summer is a good time to make improvements to your research lab and test facilities. New test equipment or safety systems make great additions to any lab. The [NTM Alarm System](#) is a hydrogen monitoring safety system. There is a warning and alarm setting at 1% and 2% H₂ in air. There are 2 mechanical relays that can be tied to a ventilation fan to ensure the hydrogen concentration doesn't reach the lower flammability limit if 4% H₂ in air.

The NTM Alarm System is easy to connect to a DC or AC power source. The connecting sensor comes with a 25 foot long connector. The sensor should be installed on the ceiling of the test lab where the hydrogen can accumulate so the sensor can monitor the concentration of hydrogen in the room. If you have any questions about the hydrogen alarm system or the [NTM SenseH₂ Hydrogen Sensor](#)





Gold Ink Au-I

This ink can be used as a reference electrode, and as a sealing paste
Read more....



5cm x 5cm NextCell NEXTCELL-5

Standard large area electrolyte supported cell. Test with any 5cm x 5cm test fixture

Read more...

please contact us at: sales@ptci.co.th

Increase your Testing Capacity



The **ProboStat** test fixture is a great addition to any laboratory or research facility. The ProboStat is great for fuel cell testing and for electrochemical testing and characterization.

The ProboStat can easily integrate with a tube furnace, power supply, or even a potentiometer that you may already have. Take full advantage of your test equipment and use the ProboStat to fully characterize the materials you use.

Contact us if you want more information about the ProboStat and other test equipment.

Don't Melt your Meshes

We have many metal meshes to help distribute and draw current through the cell when testing. Make sure you use the appropriate mesh and lead wire for your measurements.

Anode Meshes:

- Ni Mesh
- Pt Mesh

Cathode Meshes:

- Ag Mesh
- Pt Mesh

Platinum mesh is the optimum electrode current collecting mesh, especially for high temperature and high current applications. If you have any questions, please contact us at sales@ptci.co.th

Upcoming Trade Shows

Below is the list of upcoming tradeshows that fuelcellmaterials.com will be attending:

13th International Symposium on Solid Oxide Fuel Cells (SOFC-XIII)

October 6-11, 2013- Okinawa Convention Center
Okinawa, Japan

2013 Fuel Cell Seminar & Energy Exposition
October 21-24, 2013

Columbus, Ohio

38th International Conference and Expo on Advanced Ceramics
and Composites

January 26-31, 2014

Daytona Beach, Florida

Feedback

Did you find what you needed the last time you visited fuelcellmaterials.com? Is the quality of our products up to your standards? We would love to know what you think about our products, our quality and our customer service. Please complete our brief [survey](#) to provide your feedback on [k k "dhV"Vz"hz](#) e-mail: sales@ptci.co.th