

# Fuel Cell Fixture

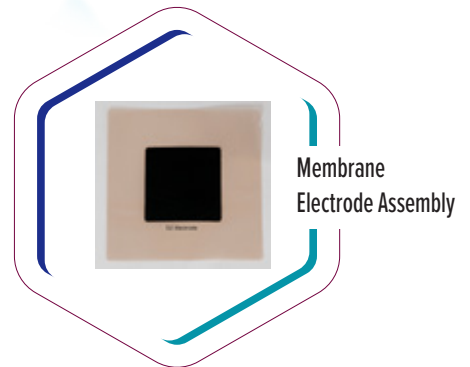
Our versatile fuel cell is  
perfect for PEM, AEM  
and DMFC research



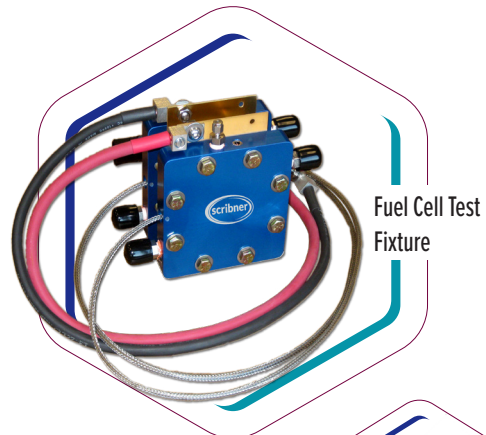
Interchangeable end plates for  
dual use option—saving money  
and giving you more options

## The Cell Fixture features

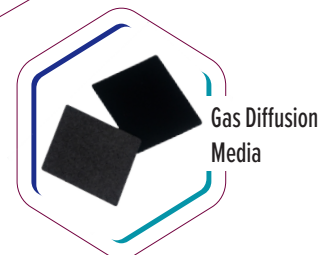
- Fuel Cell Test Fixture is suitable for use with 5 and 25 cm<sup>2</sup> area cells
- Configuration for Liquid Fuels available
- All wetted components of the liquid side are non-metallic and highly chemical resistant
- Gold-plated copper current collectors (2)
- Anodized aluminum end plates (2) with reactant input/output ports, stainless steel Swagelok® compression fittings, cartridge heaters and thermocouple well
- 60 cm heavy-gauge copper conductor load cables
- Gaskets – 51, 152 and 254 μm (0.002, 0.006 and 0.01 inch)
- Templates for preparation of gaskets
- Gaskets, gasket templates and additional hardware such as bolts, washers, fittings and o-rings
- Compatible with BekkTech in-plane conductivity cell (BT - 112)
- Operating temperature up to 200 °C
- 115 V or 230 V cell heaters available



Membrane  
Electrode Assembly



Fuel Cell Test  
Fixture



Gas Diffusion  
Media

[www.scribner.com](http://www.scribner.com)



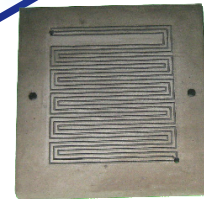
# Fuel Cell Fixture

## Cell Components

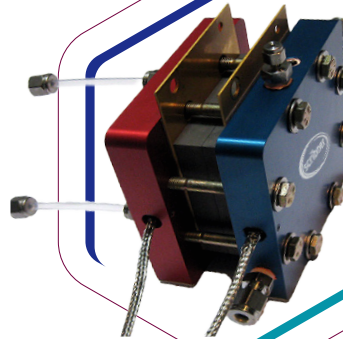
- Ultra-high purity, sealed POCO graphite flow fields with precision machined serpentine or interdigitated flow pattern (custom flow patterns available)
- Gold-plated copper current collectors (2)
- Anodized aluminum end plates (2) with reactant input/output ports, stainless steel
- Heaters and Thermocouple
- 24" heavy-gauge copper conductor load cables
- Gaskets - 51, 152 and 254 micrometer (0.002, 0.006 and 0.01 inch)
- Templates for preparation of gaskets
- Gaskets, gasket templates and additional hardware such as bolts, washers, fittings and o-rings

## OPTIONS

Serpentine Flow Fields



Liquid Fuel Cell Fixture



Differential Flow Fields

