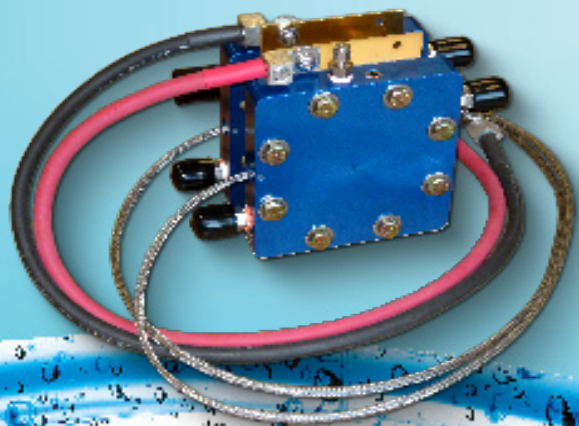


# Electrolysis Cell Fixture

Cell fixture is compatible with the Water Electrolysis Test Stations



## The Cell Fixture features

- Available as a Dual Area Electrolyzer fixture-suitable for use with 5 and 25 cm<sup>2</sup> active area
- Anodized Aluminum end plates
- Platinized Titanium flow field and Porous Media for Positive (O<sub>2</sub>) electrode
- Sealed high-purity POCO graphite flow field and Carbon Diffusion Media for Negative (H<sub>2</sub>) electrode
- Cell heaters available for 115 V or 230 V operation
- Operating temperature up to 200 °C

## Components

- Flow fields with precision machined serpentine or interdigitated flow pattern (custom flow patterns available)
- Gold-plated copper current collectors
- End plates with reactant input/output ports, stainless steel Swagelok® compression fittings, cartridge heaters and thermocouple well
- 60 cm (24 in.) heavy-gauge copper conductor load cables
- Gaskets, gasket templates and additional hardware such as bolts, washers, fittings and o-rings

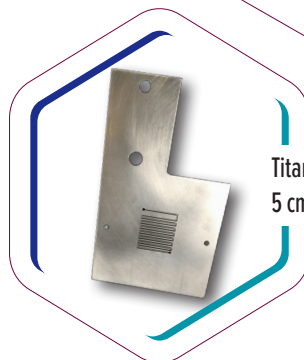
## Options

Choose Red or Blue End-Plates - Both use the Pt-Ti flow field on the Positive Side and Graphite flow field on the Negative Side. The difference is in the End-Plates:

- Blue End-Plates are suitable for DI water
- Red End-Plates can be used with either DI water or KOH solutions



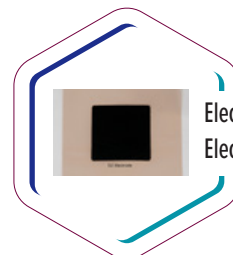
Electrolysis Cell Kit



Titanium Grade  
5 cm<sup>2</sup> Flow Field



Carbon Gas  
Diffusion Media



Electrolyzer Membrane  
Electrode Assembly

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# Electrolysis Cell Fixture

Cell fixture designed especially for  
the Water Electrolysis Test Stations



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