

High-temperature Test Cell AirCell-HT

Key features

Suitable for high-temperature PEM fuel cells or electrolyzers

Compression system uses pressurized gas

Fully controlled tightening force

Uniform force distribution

Compression hardware for single-cell testing

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Specifications

Active area:

4.8 cm²

Monopolar plate material:

High-density graphite or titanium

Current-collector material:

Gold-coated copper

Max. operating pressure:

6 bar

Fuel Compatibility:

H₂, methanol, ethanol

Base and upper plate material:

Stainless steel

Max. operating temperature:

200 °C

Cell heating:

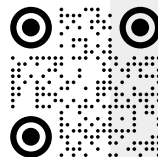
2 cartridge heaters

Temperature measurement:

2 thermocouples included

Applications

Research and development of fuel cells and electrolyzers requires many experiments to be carried out under various conditions. Leancat AirCells offer repeatable and well-controlled conditions as well as high durability thanks to its robust and clean design.



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