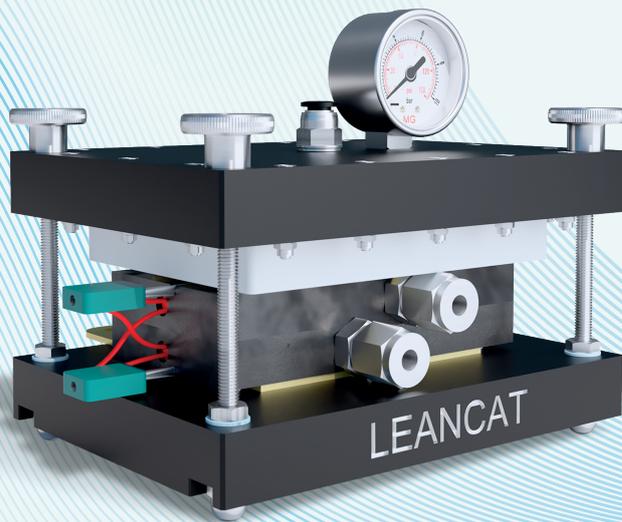


AirCell HT

Air-Pressed Test Cell AirCell-HT

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.





Key features

- compression hardware for single-cell testing
- suitable for low-temperature PEM fuel cells or electrolyzers
- compression system uses pressurized gas
- fully controlled tightening force
- uniform force distribution

Specifications

Active area:
4.8 cm²

Fuel compatibility:
H₂, methanol, ethanol

Monopolar plate material:
High-density graphite or titanium

Current-collector material:
Gold-coated copper

Base and upper plate material:
Stainless steel

Max. operating temperature:
200 °C

Max. operating pressure:
6 bar

Cell heating:
2 cartridge heaters

Temperature measurement:
2 thermocouples included



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