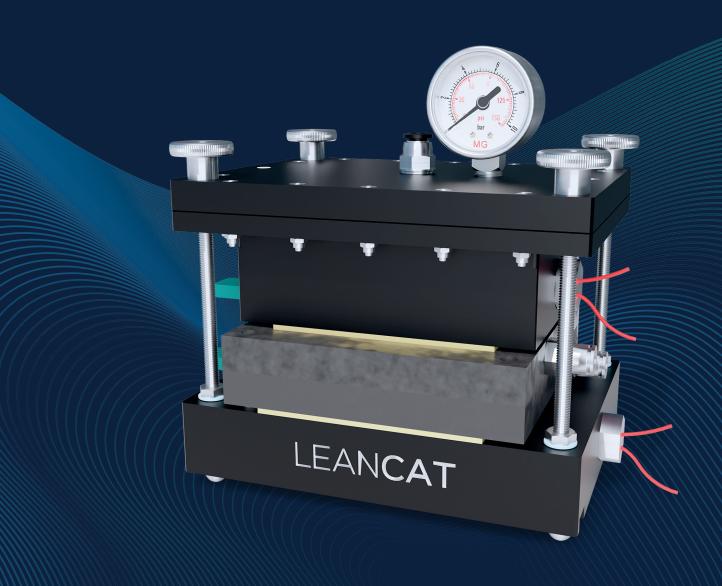
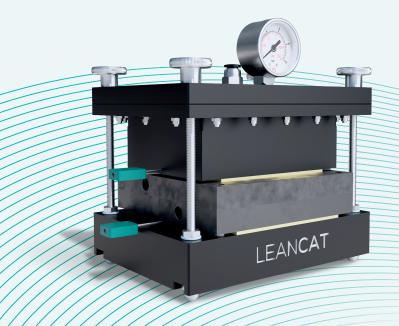


AirCell Air-Pressed Test Cell AirCell

Research and development of fuel cells and electrolysers 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 electrolysers
- compression system uses pressurized gas
- fully controlled tightening force
- uniform force distribution

Specifications

Active Area: 4.8 - 50 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: Anodized aluminium

Max. Operating Temperature: 80°C

Max. Operating Pressure: 6 bar

Cell Heating: 2 cartridge heaters Temperature Measurement: 2 thermocouples included



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