



Fuel Cell Poisoning Module FCPM

Key features

Designed for the testing of catalyst poisoning in PEM fuel cells

Enables reproducible and accurate investigations from very low concentration of contaminants

Connects to existing testing equipment

Configurations with multiple gas contaminant streams or a liquid contaminant stream

Testing of contamination effects

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Specifications

Contaminant concentration:

1 ppm - 10 ppt

Temperature range:

10 - 95 °C

Liquid contaminant stream:

optional

Minimum flow rate of carrier gas:

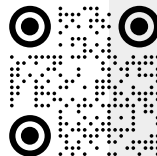
100 Nml/min

Number of gas contaminant streams:

1 - 3

Applications

The effect of contaminants on the performance of fuel cells is an important aspect for real-life operation of fuel cells. Leancat contamination module makes use of our advanced mixing technology and it is capable of achieving concentrations down to 1 ppm for flow rates 100 Nml/min and higher. The module can be connected to and controlled by Leancat test bench automation system or customer's own existing test bench via an OPC UA server.



LEANCAT s.r.o.

Web: lean-cat.com
E-mail: info@lean-cat.com

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