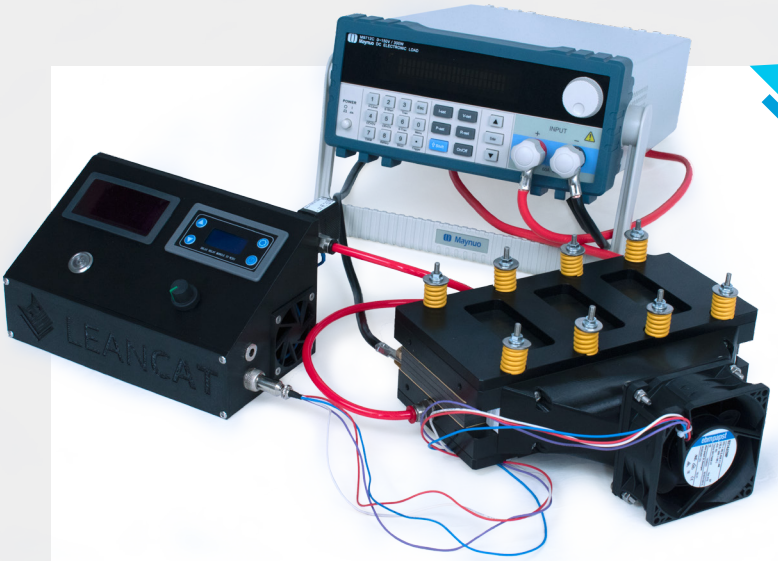


# Fuel Cell Science Kit
## LCFC-kit

Educational kit for PEM fuel cells

### Key features

PEM fuel cell stack with open-cathode architecture

Ventilator for cooling and air supply

Control of ventilator rotation speed

Control module with touch screen

Electronic DC load connected to PC

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# Specifications

**Fuel cell technology:**

Proton Exchange Membrane (PEM)

**Active area:**

100 $cm^2$ / cell

**Max. power:**

100 W

**Maximum operating temperature:**

70 °C

**Electronic DC load:**

Precise control of stack power

**Max. current:**

60 A

**Number of cells:**

3

**Ventilator:**

Electronic rpm control

**User interface:**

Touch screen

## Applications

Hydrogen-powered applications are emerging increasingly. But how does power generation from hydrogen work? Investigate PEM fuel cells with Leancat hands-on science kit. This fuel cell stack uses the same industrial design and components as our full-featured stacks. As such, it can be used for realistic measurements.

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