

## Ultra - Portable Micro - Solid Oxide Fuel Cell Testing Setup

A portable  $\mu$  – solid oxide fuel cell test setup, comprising a chamber a micro gas flow controller powered by a battery for controlling fuel flow to the device under test, a portable gas canister for fueling the device through a gas bubbler to the chamber and a programmable electronic load for characterizing the device. The chamber further comprises a fuel cell seat arranged to receive a device under test and a microheater to provide thermal energy to the chamber to simulate a predetermined thermal environment.

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