

PEM WATER ELECTROLYSIS (PEMWE) TESTING

Overview

HySA Infrastructure makes use of a state of the art (SOA) automated electrolyser test station acquired from GreenLight Innovation. This enables us to benchmark various kinds of catalyst coated membranes (CCMs), gas diffusion layers and flow field designs at different operating conditions. This testing facility helps **HySA Infrastructure** to identify the best components to be used our electrolyser stacks.

Test station



Test station capabilities

- 2 kW, Fully Automated
- Temperature Control
- Differential Pressure Control
- Mass Flow Rates
- Gas Analysers (H₂ % in O₂ and O₂ % in H₂)
- Water Conductivity

Additional capabilities

- EIS
- CO Stripping
- Current Mapping

Basic set-up diagram

