

## Product Description

## Brochure

### 1. Solid Oxide Fuel Cell (SOFC) Membranes

All SOFC membranes are for use between 600 and 850°C with hydrogen, reformed hydrocarbons or syngas mixtures.

- |   |         |
|---|---------|
| a) Thin Complete Cells, anode-supported electrolyte with cathode  | ASC 800 |
| b) Thin Complete Cells, anode-supported electrolyte with ceria protective layer and highly active cathode | ASC 700 |
| c) Thin Half Cells, anode-supported electrolyte (ASE)   | ASC 700 |
| d) Thin Anode Support Substrates (AS)   | ASC 700 |

### 2. SOFC Stacks

All SOFC stacks are made using our patented SOFCConnex™ technology and operate between 650 and 850°C with hydrogen, reformed hydrocarbons or syngas mixtures.

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|---|----------------|
| a) 16 - 1000 W SOFCConnex™ based stacks with fuel exhaust recovery  | Stack S-design |
| b) 300 - 3000 W SOFCConnex™ based stacks with fuel exhaust recovery | Stack F-design |

### 3. HoTbox™

A fully integrated high temperature solution for SOFC system developers that includes a 500 W to 1 kW stack

HoTbox™

### 4. Stack Test Bench

Test bench for testing modular S-design SOFC stacks in the range from 75-500W

MSTB 500