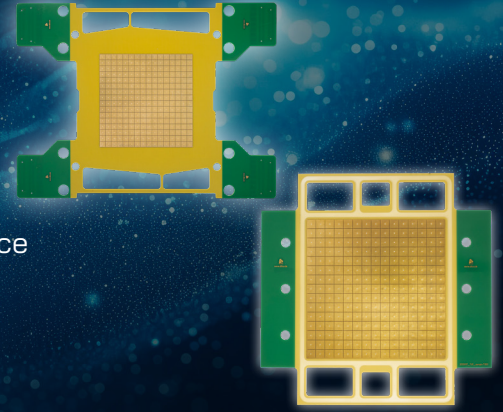


DILICO CURR TEMP custom

Current density and temperature distribution measurement

- Locally resolved measurement of current, temperature and impedance
- Aging analysis of membranes and components
- Optimization of operational strategies
- For fuel cells, electrolyzers and redox-flow batteries
- Custom design for your application



TECHNICAL FEATURES	CURR TEMP custom
Current density range	Up to ± 10 A/cm ²
Temperature range	-20 up to 120 °C (200 °C on request)
Locally resolved EIS measurement	Optional
Minimum segment size	5 mm x 5 mm
Number of measurement segments	Customer specific
Communication	CAN, USB (via adapter)
Further connections	Custom software design

BENEFITS

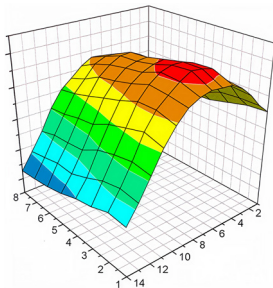
- In-situ current and temperature measurement across the active cell area
- EIS extension enables locally resolved electrochemical impedance spectroscopy
- Increase performance for bipolar plates, seals, flow fields and catalysts

APPLICATIONS

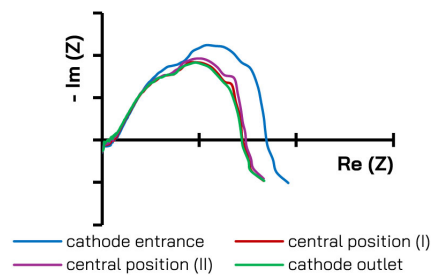
- Optimized for research, component testing and quality control
- Enhancing efficient design and operation strategies
- In-depth electrochemical analysis with EIS extension

SCOPE OF DELIVERY

- DILICO CURR TEMP sensor layer
- Evaluation electronics with software
- External power supply
- Operating instructions
- (Optional) EIS extension connection



Local current analysis



Local EIS analysis

