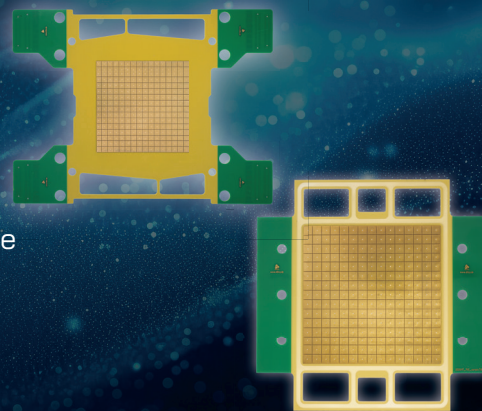


## DILICO CURR TEMP custom

### 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 and electrolyzers
- Custom design for your application



TECHNICAL FEATURES	CURR TEMP custom
Range current density	Up to $\pm 10 \text{ A/cm}^2$
Range temperature	Up to $120 \text{ }^\circ\text{C}$ ( $200 \text{ }^\circ\text{C}$ 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)
Software	Custom software design

## BENEFITS

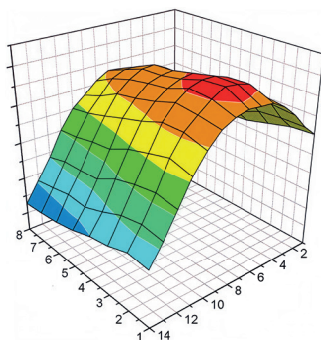
- In-situ current and temperature measurement across the active cell area
- EIS extension enables locally resolved electrochemical impedance spectroscopy
- Increase performance for bipolar plates, seals, flow fields and catalysts

## APPLICATIONS

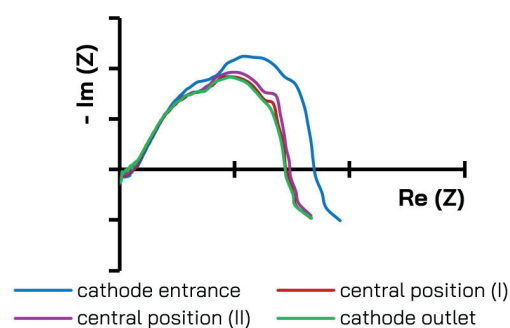
- Optimized for research, component testing and quality control
- Enhancing efficient design and operation strategies
- In-depth electrochemical analysis with EIS extention

## SCOPE OF DELIVERY

- DILICO CURR TEMP custom sensor layer
- Evaluation electronics with software
- External power supply
- Operating instructions
- (Optional) EIS extention connction



Local current analysis



Local EIS analysis

