

EIS  
measurement  
system

# ALDAS

Active Line Device Analysis System

From single cells to MW-class systems



ALDAS-α



ALDAS-E



ALDAS-Mini

## Standardized EIS: From Research to Real-World Operation

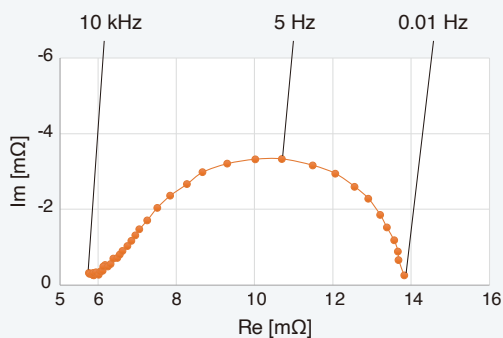
**DUT**  
(Device Under Test)

**Water electrolysis cell/stack**  
(PEM, AWE, SOEC, AEM, etc.)

**Fuel cell/stack**  
(PEM, SOFC, PCFC, etc.)

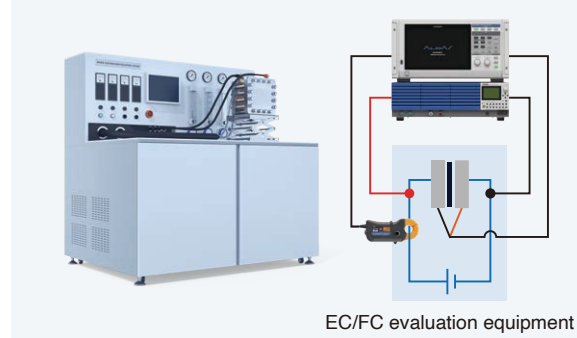
**Co-electrolysis cell**

### High-speed EIS measurement



ALDAS cuts the evaluation cycle to approximately 7.6 minutes by accelerating the typically lengthy low-frequency impedance measurements.

### Easy connection to EC/FC evaluation devices



EC/FC evaluation equipment

ALDAS seamlessly integrates with existing equipment, eliminating complex wiring and significantly reducing setup time.

# Standardized EIS: From Research to Real-World Operation

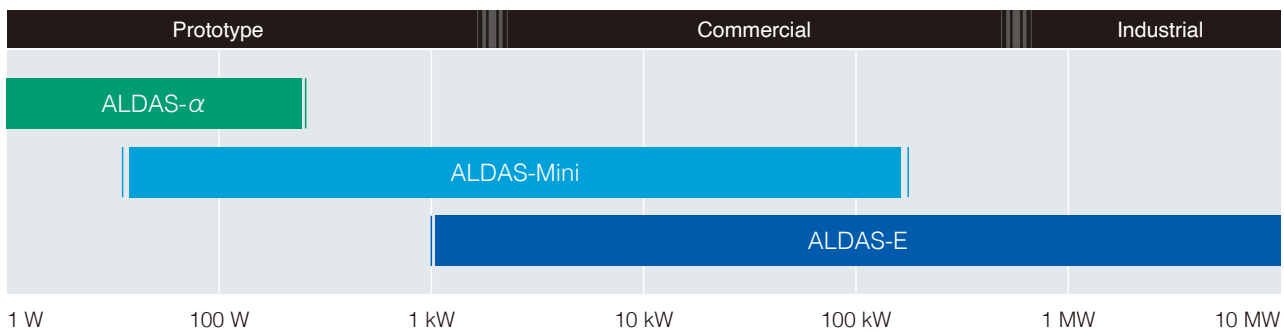
## ALDAS- $\alpha$



## ALDAS-Mini



## ALDAS-E



### ALDAS- $\alpha$

Lab-scale EC/FC cell EIS measurement: ALDAS- $\alpha$  requires no booster power supply and can apply up to 20 A DC directly from the measurement system itself.



DC Output:  $\pm 20$  A  
 EIS: 10 mHz to 100 kHz  
 Max. input voltage/current: 20 V / 50 A



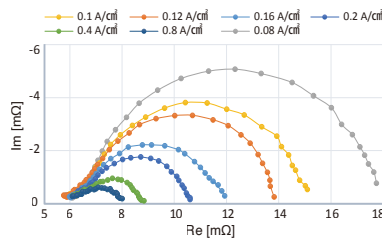
For more details



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### ALDAS-Mini

Accelerate research by measuring simultaneous EIS on up to 8 channels, perfect for large-area cells and demonstration stacks.



EIS: 10 mHz to 100 kHz  
 Max. input voltage/current: 60 V / 2000 A



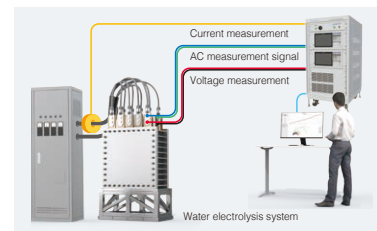
For more details



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### ALDAS-E

Reliable multi-channel EIS for MW-class electrolyzers, delivering high-precision data from up to 48 channels even in noisy industrial settings.



EIS: 10 mHz to 100 kHz  
 Max. input voltage/current: 1 kV / 10 kA



For more details



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