

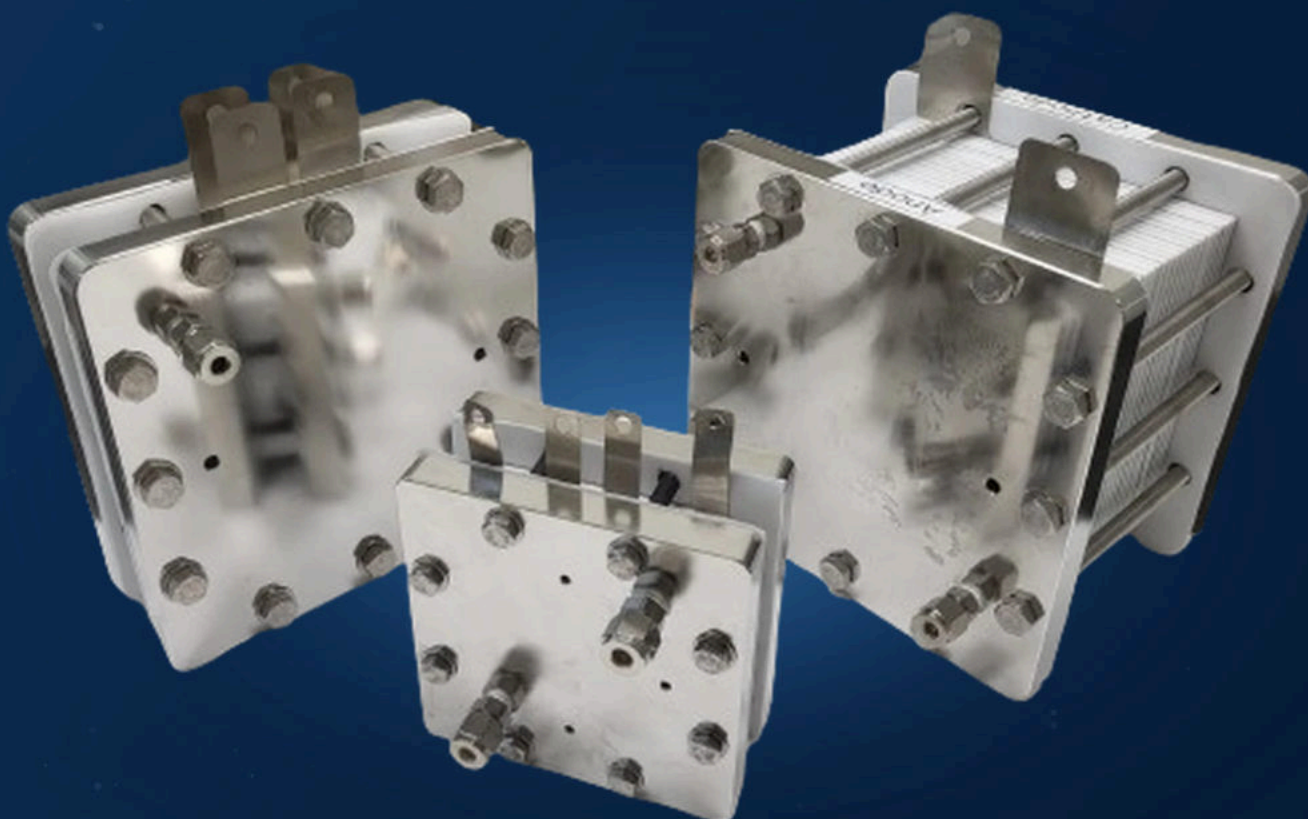
— AEM WATER ELECTROLYSIS

HXS-0

Available · made to order

AEM electrolysis test cell

An AEM electrolysis test cell for fast evaluation of electrodes and membranes.



KEY RATINGS

1-25 cm²

Active area

1-20 cells

Cell configuration

MEA option

* Optional

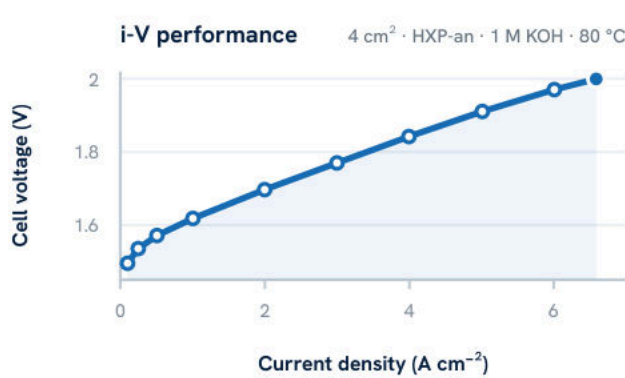
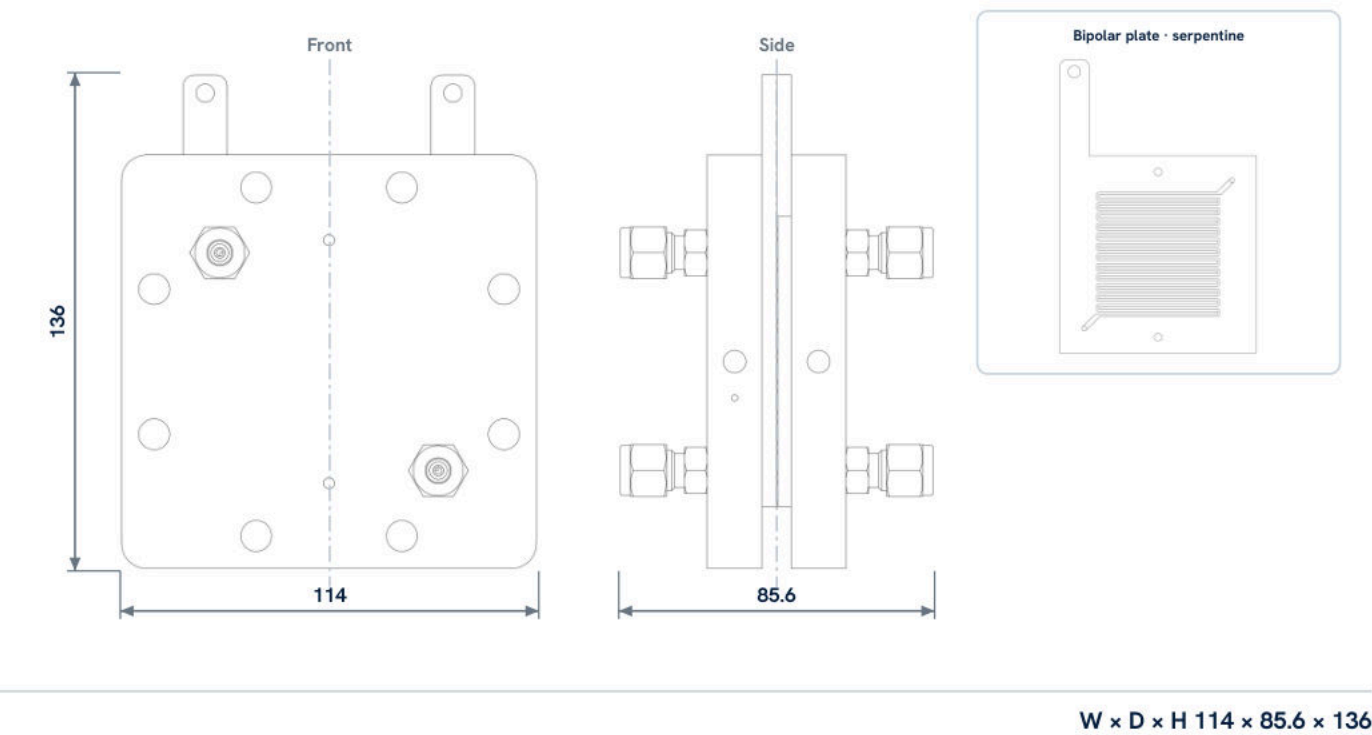
Product boundary · Standard supply

Made after active area, cell count and flow field are fixed. MEA is not included as standard; electrodes and membrane are available on request.

— HXS-0 · ENGINEERING SPECIFICATIONS

Design specifications · operating range

Dimension drawing · bipolar plate flow field



Notes

- 1) Active area is based on the gasket opening; select from 1-25 cm².
- Cell configuration is selectable from one to 20 cells.
- Single-serpentine standard · custom 1-25 cm² flow field available for the test objective
- Standard lead time is approximately four weeks after active area, cell count and flow field are fixed and the order is accepted.

cell		CELL
Active area	1-25 cm ²	
composition	1-20 cells	
Operating temperature	up to 80 °C	
Operating pressure	Atmospheric	
Flow field composition	Single-serpentine · custom 1-25 cm ²	
MEA	Excluded as standard · available on request	
Materials		MATERIALS
End plate	SUS316L	
Separator plate	Nickel-based	
Gasket	PTFE	
Clamping bolts and nuts	M6	
Electrode terminal	M4	
Connections		CONNECTIONS
Electrolyte inlet	1/4" double-ferrule	
H ₂ outlet	1/4" double-ferrule	
O ₂ ·Electrolyte outlet	1/4" double-ferrule	
Electrical connection	M4 electrode terminal	
Physical		PHYSICAL
Dimensions	114x85.6x136 mm	
Weight	4 kg	