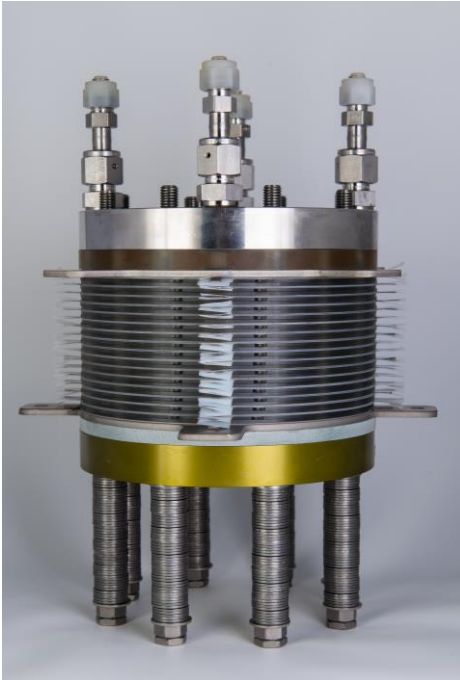


# THE PEMIGEWASSET ELECTROLYZER

*An R&D and laboratory scale unit based on the same technology as our large stacks!*



**Giner ELX** leads the world in PEM electrolysis. With 45 years of profitable growth, Giner ELX continues to develop and patent cutting edge PEM technology and products. **If you want the best in PEM technology, contact Giner ELX today to discuss your requirements.**

**The PEMI is used by top research laboratories throughout the world.**

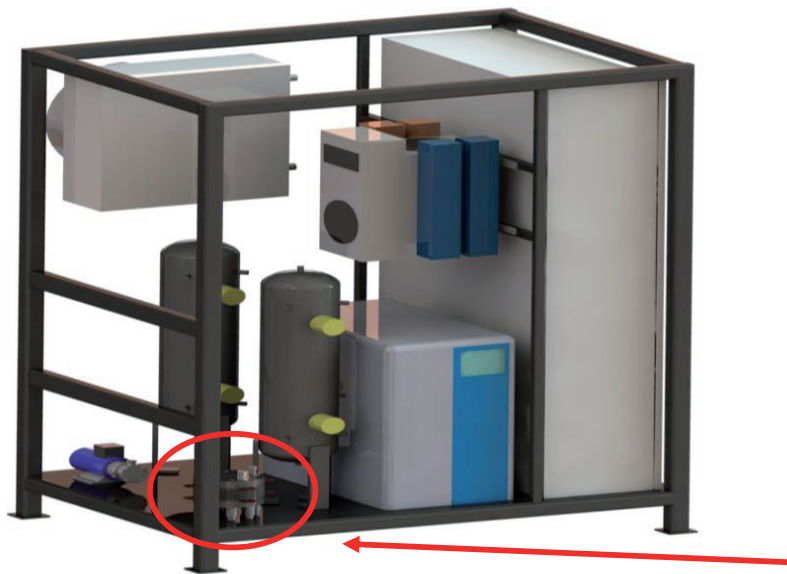
- Perfect for R&D and small system use.
- Offers best-in-class price-performance from 1 NLpm - 18 NLpm.
- Ideal for small renewable energy projects in offices and homes.
- Individual cell voltages can be easily measured using the cell voltage tabs.
- Offers world-class lifetimes with stable operating voltages.

**Call us to discuss how Giner ELX can make your hydrogen generation project a success.**

[www.ginerelx.com](http://www.ginerelx.com)

✉ [information@ginerelx.com](mailto:information@ginerelx.com)

☎ +1 781.392.0300



Produce additional hydrogen by adding PEMs to the rack

Giner ELX can also provide complete turnkey systems to meet your needs!

## PEMI Stack Technical Specifications

Specification	Units	Illustrative H <sub>2</sub> Flow Rates			
Hydrogen Flow Rate	cc/min	900	4500	9000	18000
Oxygen Flow Rate	Cc/min	450	2250	4500	9000
Operating Pressure	barg	← 1 - 20 →			
Voltage*	V	1.9	9.7	19.4	38.8
Current	A	← 15 - 150 →			
Operating Temperature	°C	← 5°C - 70°C →			
Deionized Water Flow	l/m	0.4	2.0	4.0	8.0
Number of Cells	--	1	5	10	20
Dimensions (Ø x H)	cm	19.1 X 13.0	19.1 X 14.6	19.1 X 18.4	19.1 X 27.0

\*BoL, 70°C

PEMI provides world-class PEM electrolysis technology to support your research needs and systems requiring less than 1Nm<sup>3</sup>/h of hydrogen.

Call us to learn more about how Giner ELX can help you