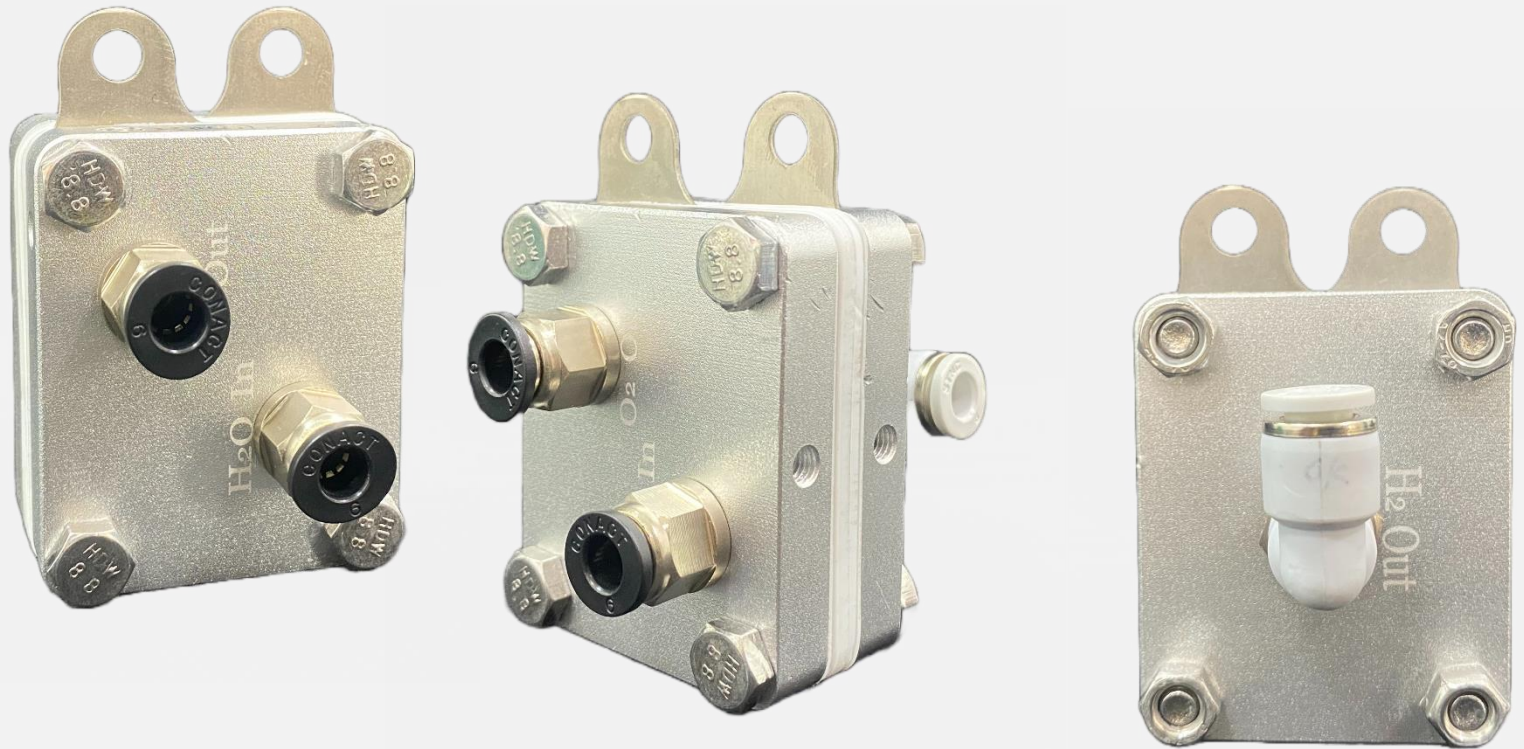
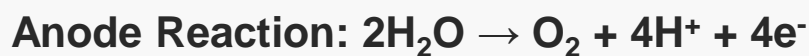


RSI make PEM electrolyser is a type of electrolytic device used to produce hydrogen gas (H₂) by using distilled water.



WORKING PRINCIPLE:

- When Water reacts at the anode to form oxygen and positively charged hydrogen ions (protons).
- The electrons flow through an external circuit and the hydrogen ions selectively move across the PEM to the cathode.
- At the cathode, hydrogen ions combine with electrons from the external circuit to form hydrogen gas.



PEM ELECTROLYSER SPECIFICATIONS

Membrane	PEM based(Proton exchange membrane)
Material	Stainless steel
Electrolyte	Distilled water
Gasket	PTFE
Flow field	Titanium mesh
Working area	3 x 3 cm & 5 x 5 cm
Ports	H₂O Inlet O₂ Outlet H₂ Outlet
Current collector	SS 316
Safety Insulated	YES



RESEARCH SUPPORTERS INDIA

ISO 9001: 2015

MANUFACTURING AND R&D HQ

No.63/1, Club House Road,

Maruthi Nagar, Hosur- 635109, Tamil Nadu ,India

Mail id :sales@rsindia.net, Ph: 8148274261

FOLLOW US

