



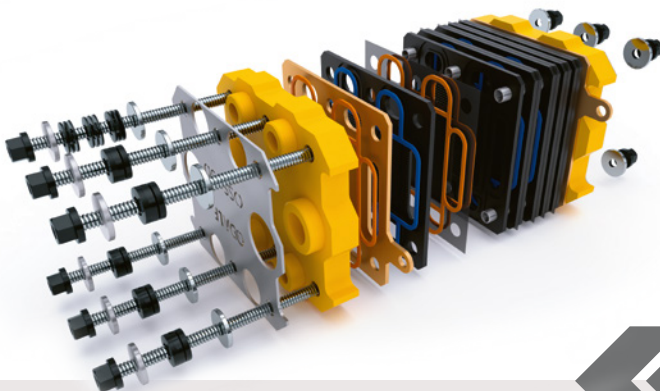
Assembly and Test Automation for Fuel Cells & Electrolyzers

At XENON, we are driving innovation in the energy transition by providing advanced automation solutions for the assembly and testing of fuel cells and electrolyzers.

As a leader in automation technology, we develop customized systems that enable efficient, high-quality volume production of these critical energy products. XENON is your partner in upscaling, transforming manual production processes to industrial scale.

Our Key Competencies

- Industrialization from lab scale to fab scale
- High-precision assembly and inspection systems
- Cleanroom application
- Smart process data management



Simultaneous Engineering



Responsibility as a general contractor



Integration of external systems

Automation Portfolio

Component Level



Pre-Processing

- Handling
- Dispensing
- Forming
- Inspection
- Packaging



Feeding

- Identification
- Separation
- Transfer
- Handling



Stacking

- Inspection
- Alignment
- Handling



Joining

- Sintering
- Compressing
- Tensioning
- Transport



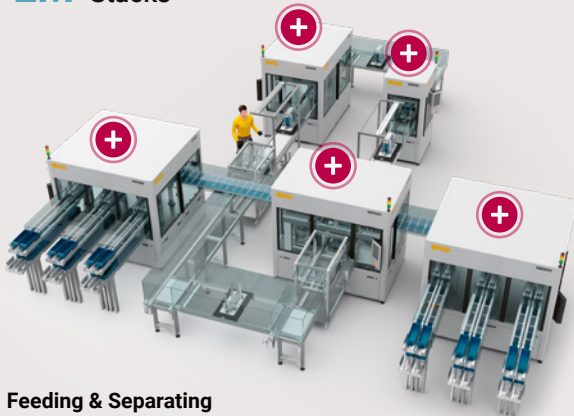
Testing

- Electrical Test
- Leakage Test

Stacking on Demand - Modular Solution for High Speed or flexible Automation

Turnkey assembly solutions for:

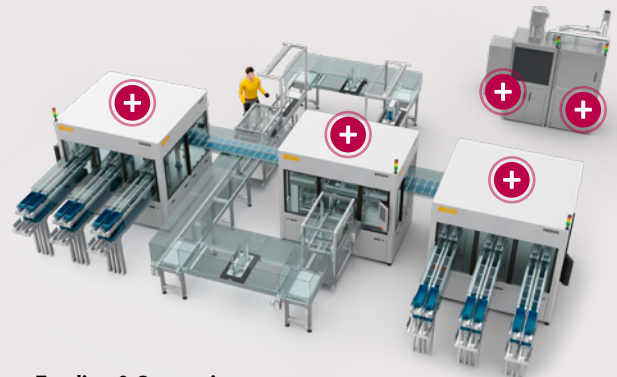
PEM Stacks



- Feeding & Separating
- Stacking
- Compressing & Tensioning
- Testing

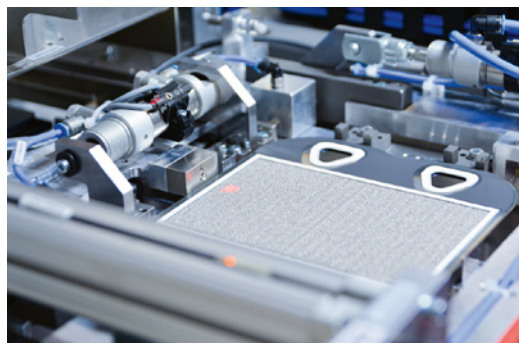
PEM – Proton Exchange Membrane

SOC Stacks



- Feeding & Separating
- Stacking
- Compressing & Tensioning
- Testing

SOC – Solid Oxide Cell



Member of



That's automation.

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