



H₂

TECHNOLOGY-PARTNER IN
HYDROGEN

HAINZL
SYSTEMS ENGINEERING

ELECTROLYSIS

SYSTEM SOLUTION FOR H₂ PRODUCTION

HAINZL PEM Electrolyzer - the turnkey solution for generating green hydrogen

- // Scalable plug-and-play solution starting from 1.25 MW connected power
- // Dynamic operating from 10 - 100%
- // Compact and modular design
- // Flexibility for various applications
- // Independent automatic operation with remote maintenance
- // 24/7 service
- // Optional features:
 - Waste heat recovery
 - Oxygen utilization
 - AEM compatibility



TEST STANDS

FOR HYDROGEN COMPONENTS



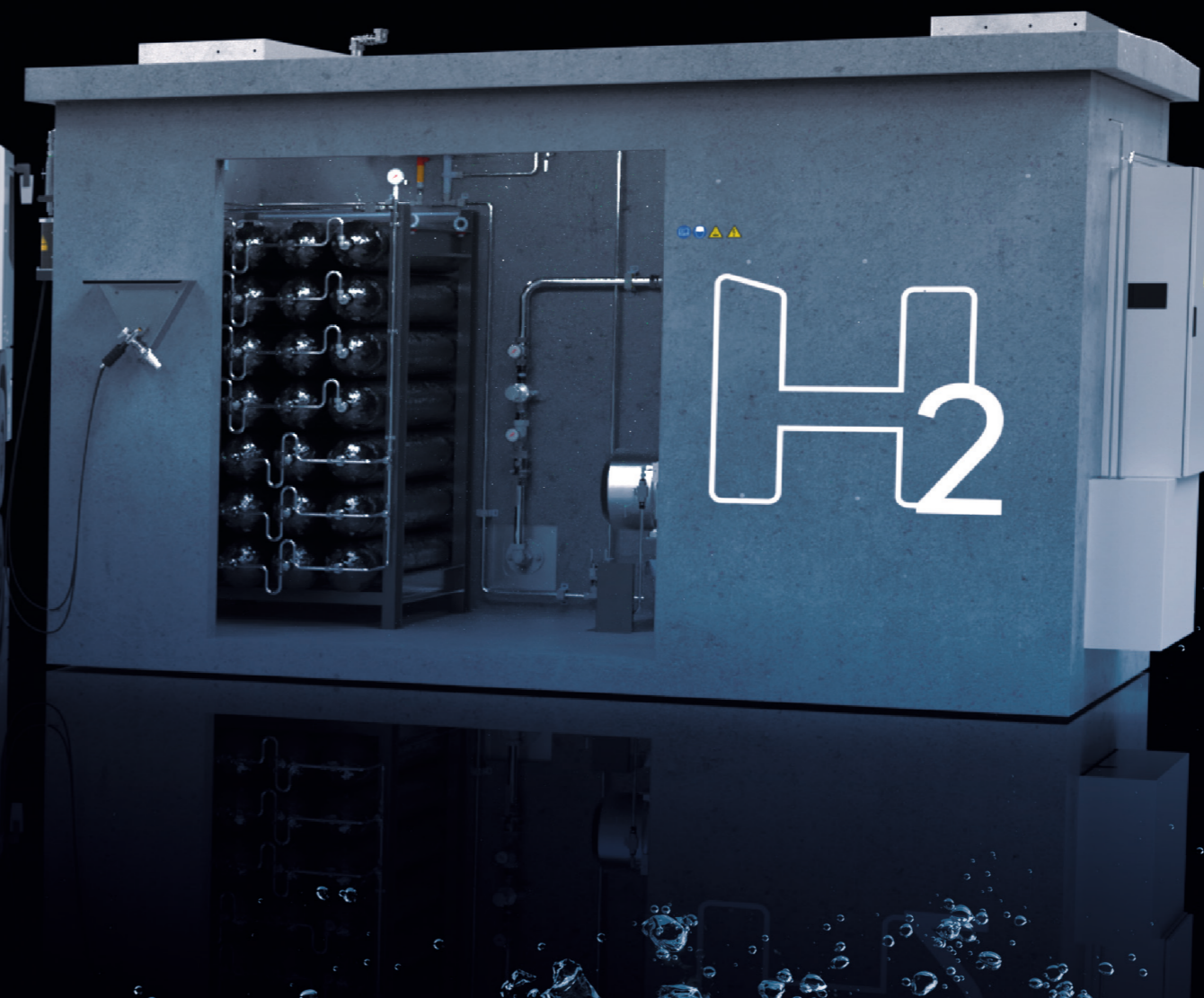
Components for Hydrogen Applications require particularly reliable and safe testing and analysis.

We develop and produce testing stands that can be utilized for the design and testing of various h₂ components:

- // Sensors
- // Valves
- // Pressure-retaining equipment
- // Hydrogen cylinders:
 - Burst testing, pressure testing and leakage testing according to ECE R134.

Our test stands allow our partners to develop and produce safe components and systems for hydrogen applications.

H2 INFRASTRUCTURE



Together with partners, we develop efficient and safe hydrogen systems.

We offer system solutions for compressing gaseous hydrogen to pressures of 700 bar and higher.

The reliable distribution of hydrogen from its source to the point of utilization supplements our solution portfolio.

Our products:

- // H2 filling stations
(e.g., trailers or bottles)
- // Hydrogen distribution systems
(e.g., hydrogen networks)

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HAINZL
TECHNOLOGY FOR HIGHER STANDARDS