



SINGLE- AND MULTI-CELL ELECTROLYSER TEST UNITS



Electrolyser Test Systems

Easy to use, robust and reliable test systems

Parallel configuration: Test multiple cells at the same time and benefit from the high data quality due to the uniform test conditions

Various options for product analysis Software Integration/Process Control



Technologies

Water electrolysis like PEM, AEL and AEM CO₂ electrolysis Solid oxide electrolyser



Features

Flexibility to acid/base technology
Pumps for high-pressure liquid feed
Temperature control/Pressure control
Liquid composition control
Liquid sampling





Automation

Fully automated by PLC and control PC
Recipe editor for automated test procedures
Trending visualization
GC software fully integrated into database
Data export to excel and external databases



Safety

Design according international safety standards and CE

Ventilation failure detection, gas detection LEL

Temperature alarms

Liquid level probe and clogging protection

Pressure relief valves and differential pressure transmitter



Options

Solid oxide electrolyzer configuration with pre heated steam feed Gas feed control (e.g. CO₂)

Optional pH control, Potentiostat

Multiple cells

Automated liquid sample robot, Gas analysis by GC or Sensors

