# **Anticipate** the risks

Approve the conformity of 400 bar / 875 bar systems





### Overview

Based on its expertise in leak testing, DAM group has developed a unique high pressure leak testing solution for hydrogen component assembly.

The station allows to control and check the leak tightness by a leak test with a step-by-step ramp up to 875 bar.



## Test application:

AERO | AUTOMOTIVE | ENERGY H FUELL CELL









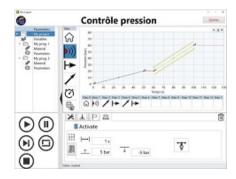
- 400 bar / 875 bar
- Intuitive setup
- Leakage control with ramp

## **Key Features**

- Tightness and pressure resistance validation
- Stepwise leak detection
- 400 bars / 875 bars
- Complex data backup and analysis
- Laboratory and production test bench
- Tested products: tanks, generators, electrolysers, H2 valves, high pressure circuits, FCEV
- Dimensions: 2500mmH x 1100mmL x 2820mmP

## **Benefits**

- Facilities security
- Product safety: progressive increasing in pressure
- Operators safety



LEAK TEST WITH RAMP UP



HYDROGEN TANK LEAK TEST



400 BAR / 875 BAR



HYDROGEN SOLUTIONS



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ethernet; Modbus TCP/IP

## **Technical Data**

#### **Software** Measurement Increasing in pressure by User-configurable software configurable ramp Data archiving and traceability Test repeatability Direct display of output pressure Display of the test history **Application Data Communication** Developed for hydrogen component assembly **Data Communication:** Adaptable for any hydrogen tanks; generator; systems: electrolysers; H2 valves; **FCEV**

- Services
- After-sales service
- Maintenance

## **Options**

- Filling function possible
- Infrared link: SAE J2799 protocol

More Info? A Demo?



→ CONTACT US!



dam@dam.fr



+33 4 78 26 95 83

DAM GROUP - 200, RUE LEON BLUM - 69100 VILLEURBANNE - FRANCE