

# 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, electrolyzers, 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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DAM

DACTEM  
DÉVELOPPEMENT

DAM Shanghai

## Technical Data

### Measurement

Increasing in pressure by configurable ramp

Test repeatability

### Application

Developed for hydrogen component assembly

Adaptable for any hydrogen systems:

tanks; generator; electrolyzers; H2 valves; FCEV

### Software

User-configurable software

Data archiving and traceability

Direct display of output pressure

Display of the test history

### Data Communication

Data Communication:

ethernet; Modbus TCP/IP

## Options

- Filling function possible
- Infrared link: SAE J2799 protocol

## Services

- After-sales service
- Maintenance

More Info ? A Demo ?



CONTACT US !



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