

# DG 10 020 /1

Leak test bench for  
hydrogen components



## Overview

We developed a range of leak test platform able to perform on any hydrogen component. We updated our processes and hardware to comply with fuel cell leak precises requirements.

This platform is the medium capacity bench of our leak range. It allows, a considerable reduction in cycle time.



## Test application:

SOLENOID | MEMBRANE | BIPOLAR PLATE



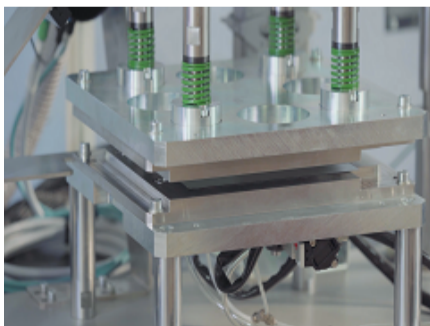
- Fast delivery time
- All in one platform
- Interchangeable tooling

## Key Features

- Integrated database for result storage and advanced supervision
- Create, save and deploy your test sequence
- Manage and track your production
- Interchangeable tooling
- Open interfaces, 4.0 Industry
- Plug and play

## Benefits

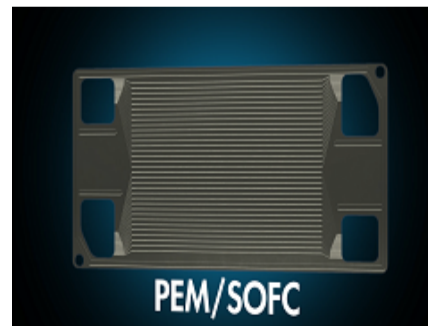
- Competitive price: result of several years of R&D, fully manufactured by DAM Group
- Quick delivery/Reduced time to market
- Cost control/Cost optimization
- Fully evolutive software
- Autonomy (intuitive interface and UX design) in the evolution
- Industry 4.0 machine - easy tool replacement



INTERCHANGEABLE TOOLING



CREATE YOUR TEST SEQUENCE



FOR HYDROGEN COMPONENTS



READY FOR HYDROGEN



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SIMPLIFYING THE COMPLEX

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## Technical Data

### Measurement

Range Of leak test pressure	0-6 Bar
Standard Leak Range	0.06 – 20 CC/min
Measurement Gaz	Air
Filtration of gaz	0.1 µ

### DUT Testing

Maximum DUT Size	700 x 500 x 450 mm
Clamping Forces	4000 DaN
Standard Number of pneumatic circuit (Clamping or switch )	10
Optional Number of pneumatic circuit (Clamping or switch )	Adaptable
DUT Loading	Manual/Robot/Cobot

## Options

- R&R generation tools

### Software

Automatic Tooling Adaptation	
Sequence Data XML	>100 sequence
Internal DataBase	>10000 Results
Raw Data	50 Raw tdms

### Data Communication

Industrial protocol ready	EthernetIP/Modbus/Ethernet
Web Service API	Accesible by Web Service
TSN ready	
External database	MySQL/MsSQL/ Other
External Ethernet POE	1

## Services

- Easy remote software update
- Aftersales service
- Training

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liten  
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More Info ? A Demo ? [→](#) **CONTACT US !**

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