

DG 10 011

Leak test platform for hydrogen components



Overview

A New Leak Test Platform, fully engineered by DAM Group. A concentrate of our technology able to perform leak test on any hydrogen components at a low price point.

We updated our processes and hardware to comply with fuel cell leak precises requirements. This is a a standard chassis with interchangeable tools platform.



Test application:

SOLENOID | MEMBRANE | BIPOLAR PLATE



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

Key Features

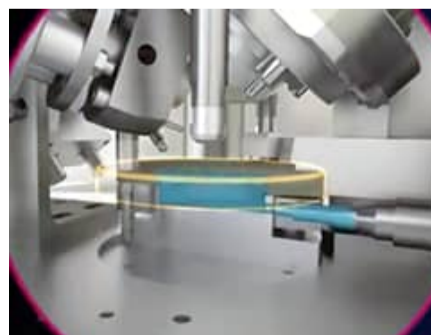
- Integrated database for result storage and advanced supervision
- Create, save and deploy your test sequence
- Manage and track your production
- Interchangeable tooling
- Open interfaces, 4.0 Industry
- Suitable for small products 700 x 500 x 450 mm
- Plug and play

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
- Limited spares parts, no stock needed
- Industry 4.0 machine - easy tool replacement



INTERCHANGEABLE TOOLS



LEAK TEST MEASURE



INTUITIVE HIM



READY FOR HYDROGEN



Ref. DG 10 011

SIMPLIFYING THE COMPLEX

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Technical Data

Measurement

Range Of leak test pressure	0-6 Bar
Standard Leak Range	0.0012 – 0.5 CC/min
Optional Leak Range	1-20 / 5-100 / 10-200 CC/min
Measurement Gaz	Air Nitrogen
Filtration of gaz	0.1µ

DUT Testing

Maximum DUT Size	200 x 200 x 200 mm
Clamping Forces	2000 DaN
Standard Number of pneumatic circuit (Clamping of switch)	4
Optional Number of pneumatic circuit (Clamping of switch)	6
DUT Loading	Manual/Robot/Cobot
Machine size	100 x 85 x 190 cm

Options

- R&R generation tools

Software

Web UI	
Sequence Data saving	XLM (>100 sequence)
Internal DataBase	>10000 Results (Option remote server)
Raw Data	50 Raw data 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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SYMBIO

liten
c2a tech

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

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