

DG 10 020

Leak Test Machine



Overview

DAM Group has developed a standard innovative leak test machine integrated into an Industry 4.0. Innovation is based on adaptability and connectivity features.

Thanks to its interchangeable and smart tooling, manufacturers gain in flexibility and competitiveness.



Test application:

AERO | AUTOMOTIVE | ENERGY
BIPOLAR PLATE



- ➔ Accurate measurement
- ➔ Interchangeable tooling
- ➔ Cost management

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

Benefits

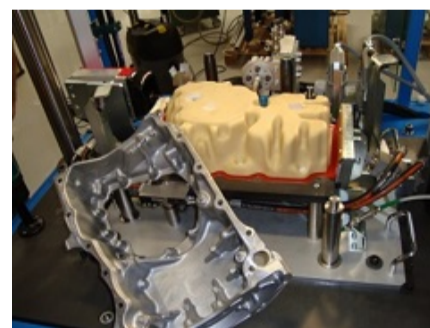
- Accurate validation by CNOMO capabilities
- Optimized time to market
- Optimized cycle time test
- Used for Laboratory and Production



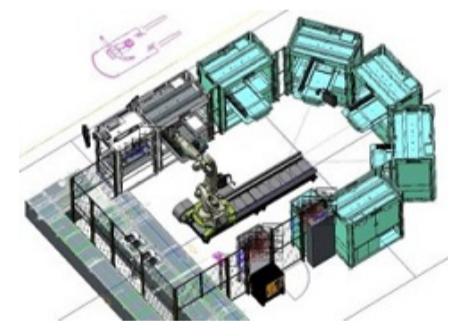
INTERCHANGEABLE TOOLING



CUSTOM-MADE JOINT SEALING



SPECIFIC COUNTERFORMS



ROBOTIC ISLAND INTEGRATION



Ref. DG 10 020

SIMPLIFYING THE COMPLEX

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Leak Test Machine



Technical Data

Measurement

Range of leak test pressure	0-6 Bar (adaptable upon option)
Standard Leak Range	0.06 - 20 CC/min
Measurement	Air
Filtration of gaz	0.1 μ

DUT Testing & Machine

Maximum DUT Size	500 x 300 x 200 mm
Clamping Forces	3000 DaN
DUT Loading	Manual/Robot/Cobot
Tested products	Turbo; Housing (e-motor, transmission, battery, EDU)
Machine Size	140 x 120 x 250 cm

Software

Automatic Tooling Adaptation	
Sequence Data	XLM (>100 sequence)
Internal Data Base	>10000 Results
Raw Data	50 tdms
Open connection	

Data Communication

Industrial protocol ready	EthernetIP /Modbus/Ethernet
Web Service API	Accessible by Web Service
External database	MySQL/MsSQL/Other

Options

- Adaptable number of pneumatic circuit
- DAM's measuring cell/Additional measuring cell
- R&R generation tools
- Marking
- Automated calibrated leak
- DAM Data Management
- Range of test pressure

Services

- Easy remote software update
- Aftersales service
- Maintenance

Supplier of the world leaders



More Info ? A Demo ?



CONTACT US !



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