

Série 8

G4-GV

Hermeticity meter for packaging
and sealed components.



For leakage measurements in packaging, through a vacuum chamber, completely dry, without operator evaluation, the **G4-GV** model operates with a flexible membrane that fully conforms to the test part, minimizing the external volume of the chamber test and enhancing sensitivity to very small leaks. Ideal for laboratory and production testing, with the potential to develop solutions for testing 100% of the product line.



- In accordance with ASTM F2338-9.
- In compliance with CRF21 part 11 electronic records.



- Equipment resolution: 0.01 ml/min or 0.001 mbarL/s.
- Detectable from 5 micra.



MAIN FEATURES

- Full access control via Hard key, password, or RFID TAG*;
- Electronic pressure adjustment up to -800 mbar;
- Measuring units ml/min, mbar, micra, and mbarL/s;
- Highly resistant flexible membrane;
- Recording of results in memory and USB flash drive;
- Barcode or QR code reader*;
- Selectable pressure units;
- Accredited CGCRE and digital calibration;
- Ethernet, RS-232*, and digital* interfaces;
- Calibration expiration alert and lock;
- Event scheduler for maintenance alerts;
- Up to 1000 test pieces recipes;
- Languages: Portuguese, English, and Spanish;
- Up to 3 years of warranty.

(* - Optionals)

APPLICATIONS

Sealed packaging
Blisters and other medications
Flexible pieces in general
Sealed electronic equipment
IP insulation level test



BENEFITS

- Replaces immersion testing equipment with improved reliability and availability;
- National and global technical support, with availability of field repair parts;
- Ideal for production line testing, quickly detects pieces with leaks;
- Non-destructive testing;
- Availability of demonstration and rental equipment;
- Pressure control by electronic system;
- Simple, intuitive, and easy to operate.



TECHNICAL SPECIFICATIONS

- **Power supply:** 24 VDC (110~220 VAC - external 60 W power source)
- **Communication:** Ethernet (10/100 Mbps)- Modbus/TCP, Profinet*, and Ethernet/IP* RS-232* - for communication with Printer, Scanner and Profibus.
- **Inputs/Outputs:** up to 8/8 programmable digital*
- **Display (IHM):** 5" color touchscreen, 800x480 resolution
- **Access control:** password, hard key RFID*
- **Record memory:** 16 GB - over 1 million data points
- **Operating temperature:** +5 to +45°C
- **Pressure units:** mbar, kPa, bar, psi, etc
- **Ambient insulation:** IP41
- **Built-in input filter:** 0.3 µm coalescent
- **Cabinet material:** galvanized steel and polycarbonate
- **Chamber material:** high-impact acrylic, aluminum, and latex
- **Pneumatic circuit:** TEX
- **Meter dimensions:** 212x181x384 mm
- **Meter weight:** 7 Kg
- **Included:** digital manual, power supply, tubes, and connectors.
- **Optional:** RFID tag reader, special test programming, Profinet/Ethernet-IP/Profibus communication, and Barcode/QR Code scanner.

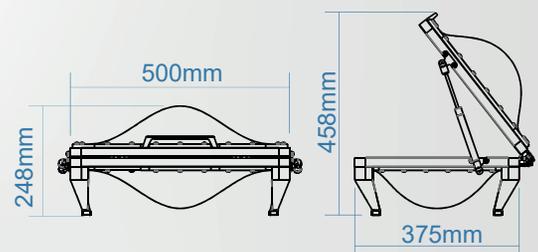
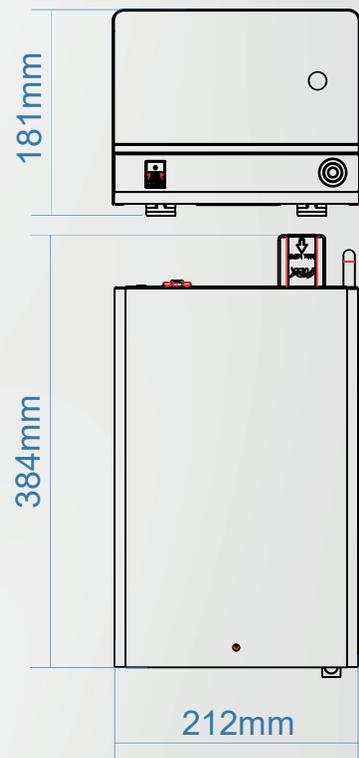
(* - Optionals)



MEASUREMENT RANGES

Test pressure ranges: -800 mbar

Accuracy of test pressure: 0,25% of the scale



ACCESSORIES



Leak/Flow Master Cosmo

Calibrated leakage generator to verify system and parameters, according of ASTM - F2338-09.

GVP Chamber

Anodized Aluminum structure of 13mm
Maximum testing dimension: 150x175x30mm
Weight: 3 kg



GVM Chamber

Dimensions: 440x500x250mm
Naval-grade Aluminum structure 19mm
Weight: 10,5 kg



SUCCESSFUL CASES



Come and join the customers who are already reducing waste, innovating and digitizing their hermeticity testing processes, among them the largest converters and brand owners in Brazil.

Be a success case, contact us!

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