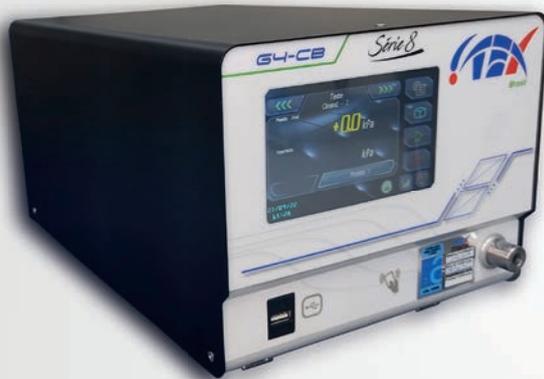


# 8 Series

## G4-CB

### Creep and Burst meter



The Creep, Burst, Leak, and Immersion tests can now be evaluated with the precision and control of equipment developed for leak testing through pressure measurement. The G4-CB model features patented fastening devices technology to prevent leaks during the test, ensuring reliability to record the results and ensure traceability of the tests. All of this was developed in Brazil.



- In accordance with FDA CFR21 part 11.
- Required by ASTM F1140, F2096 and F2054 standards.

### MAIN FEATURES

- Sealing devices with or without sealing;
- Records in accordance with FDA CFR21 Part 11;
- Full access control via Hard Key, password, or RFID TAG\*;
- Electronic pressure regulation up to 5 bar;
- Pressure sensor with a resolution of 1 Pa;
- Recording of results in memory and USB drive;
- Selectable units of pressure and leakage;
- Digital and accredited (RBC) calibration;
- Ethernet interfaces, RS-232\* and digital\* ;
- 24-bit A/D converter;
- Calibration expiration alert and lock;
- Event schedule for maintenance alerts;
- Up to 1000 test part recipes;
- Languages: portuguese, english and spanish;
- Up to 3 years of warranty.

(\* - optionals)

### APPLICATIONS

Segments: food, medical,  
pharmaceutical and cosmetic  
Flexible packaging (retort)  
Semi-rigid and rigid packaging  
Testing laboratories



## BENEFITS

- Unique system for securing the unsealed packaging to prevent damage to the seal in Cosmo GEL;
- Unique needle-free or sharp-free sealing system for sealed packaging;
- Replaces imported equipment with improved reliability and availability;
- High immunity to dirt, common in factory pneumatic lines;
- Simple, intuitive, and easy-to-operate for conducting Creep, Burst, and Leak tests;
- National and worldwide assistance, with field repair parts availability;
- Availability of demonstration and rental equipment;
- Simple, robust, and easy-to-maintain pneumatic circuit.



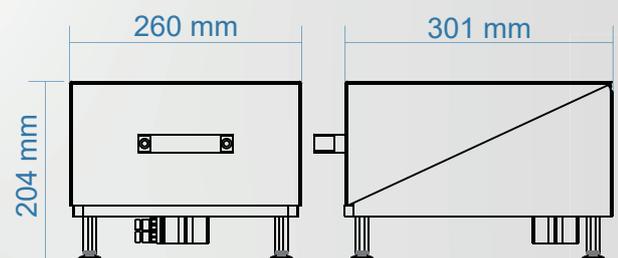
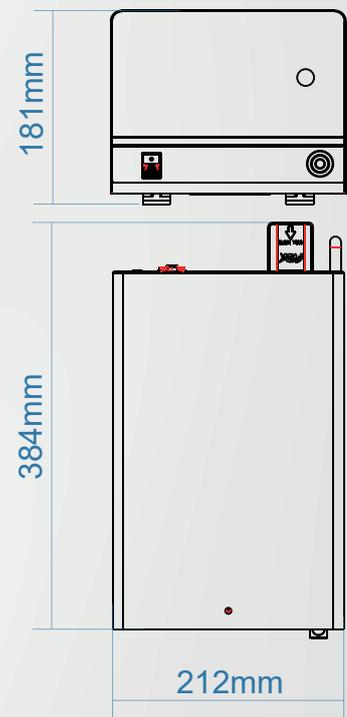
## TECHNICAL SPECIFICATIONS

- **Power supply:** 24 VDC (110~220 VAC - external 40 W power source);
- **Communication:** Ethernet (10/100 Mbps)- Modbus/TCP, Profinet\* e Ethernet/IP\* RS-232\* - for communication with printer, scanner and profibus;
- **Inputs/Outputs:** 8/8 digitals( 3 programmable output);
- **Display (IHM):** 5" colorido 800x480 sensível ao toque;
- **Access control:** password, hard key RFID\*;
- **Record memory:** 16 GB - over 1 million data points;
- **Operating temperature:** +5 to +45°C;
- **Leaking units:** ccm, mL/min, mL/h, Pa, Pa/s, mbar, mbar/s, psi, psi/s etc;
- **Measurement resolution:** 1 pa;
- **Pressure units:** kPa, bar, psi, cmH<sub>2</sub>O, mmHg etc;
- **Environmental isolation:** IP41;
- **Connections:** 1/4"BSPT quick coupling ;
- **Fluid:** inert gases (filtration class 1.4.1 - ISO8573);
- **Built-in inlet filter:** 0,3 µm coalescing;
- **Chamber material:** Galvanized steel and polycarbonate;
- **Device material:** anodized aluminum and nickel-plated steel;
- **Pneumatic circuit:** TEX
- **Weight:** 7 Kg;
- **Included:** Digital manual, power supply, tubes, and connectors.
- **Optionals:** RFID tag reader, thermal printer, outputs for external pilot and exhaust, special test programming, Profinet/ Ethernet-IP/Profibus communication, barcode/QR code scanner.



## MEASUREMENT RANGES

**Test pressure ranges:** 0~100/50~500 kPa  
**Accuracy of test pressure:** 0,5% off VM  
 (or minimum 1 mbar- range 100 kPa/5 mbar- range 500 kPa)



(\* - optionals)

## DEVICES

### **Device** for **sealed packaging**

Allow testing of fully sealed packaging through magnetic fixation, without the use of needles (ASTM F1140, F2054, F2096).



### **Device** for **retention plates**

For Creep and Burst tests, using ASTM F2054 standard.



### **Device** for **unsealed packaging**

Allow testing of open packages using special clamps, without the need for sealing (ASTM F1140).





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!

 (+5511) 98594-1450



 (+5511) 4591-2825



 comercial@tex.com.br

 WWW.TEX.COM.BR

 Av. Gutemberg José Cobucci,  
293, GP1 Itupeva - SP  
ZIP CODE: 13.295-462