



ATRYA BR-7000G internal pressure testing equipment for glass containers, permits the tests described in ASTM C-147 to be performed, which consist of simulation of filling operations to immediately sustain a pressure for a given time and gradually increments to observe the resistance of the glass by increasing the internal pressure of the bottle.

This equipment can be used in the laboratory or within production lines to ensure packaging meets industry specifications.

Advantages

- New Servo-valve of cutting-edge, allows an immediate response to the pressure increase, greater control and accuracy on the sample and lower maintenance.
- Automatic illumination in the operating cab to better appreciate the performance of the sample during the test..
- Quick change of bracket for different finish diameters.
- Main test booth with 4L glass collection capability.
- Features drawer with sieve for collecting fine chips

The new software with Windows 7 platform allows, in a friendly way, the creation and storage of personalized recipes for continuous use, change of languages, units of measurement, storage of results, simultaneous comparison of graphs,

statistical tables and many more innovations.

Interface Features

- 10" interface (touch screen).
- Real-time presentation of graphics.
- Pre adjustments Alarm notification
- Results organized by recipe and mold number.
- Memory to store unlimited recipes.
- User-friendly navigation through the internal software menu.
- Ergonomic location of controls for user comfort..

The BR-7000G offers three test modes that allow operators to conduct a variety of tests to meet international standards such as the ASTM C-147, as well as custom-configured tests for unique applications.

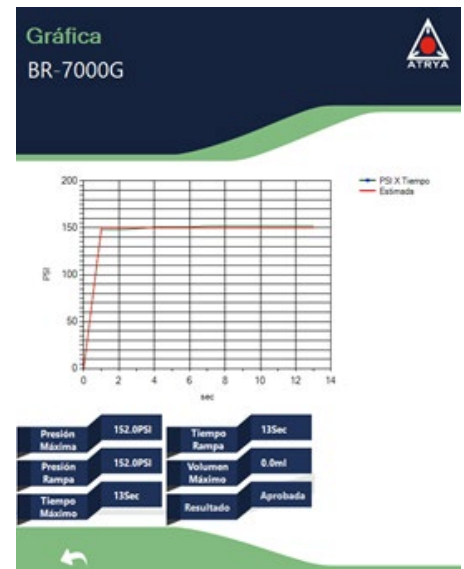
All tests show the pressure and time results.

- **Rough way:** Internal test pressure is applied and supplied constant during the predetermined test time. A pressure of 50 % higher than the reasonably expected

pressure is normally used under the actual conditions of use of the packaging. Input parameters are; working pressure, nominal volume, and holding time.

- **Incremental Mode:** The test consists in increasing the pressure step by step by uniform increments until the steps described in the recipe are met or until the bottle is broken. Compliant with ASTM C-147 Configuration parameters are, initial pressure, pressure increase, nominal volume and step limit.

- **Custom Mode:** Provides the operator with the facility to create or develop tests to meet specific test requirements according to specifications to be met or for research and development.



The device is made of aluminum structural profile, container tub in stainless steel AISI 304, operation gate constructed of stainless steel AISI 304 and glass fiber resistant to impact and explosions, sensor installed in the doors for user protection, also gives superior performance thanks to its manufacturing components that ensure a longer life of the equipment.

Overall Dimensions

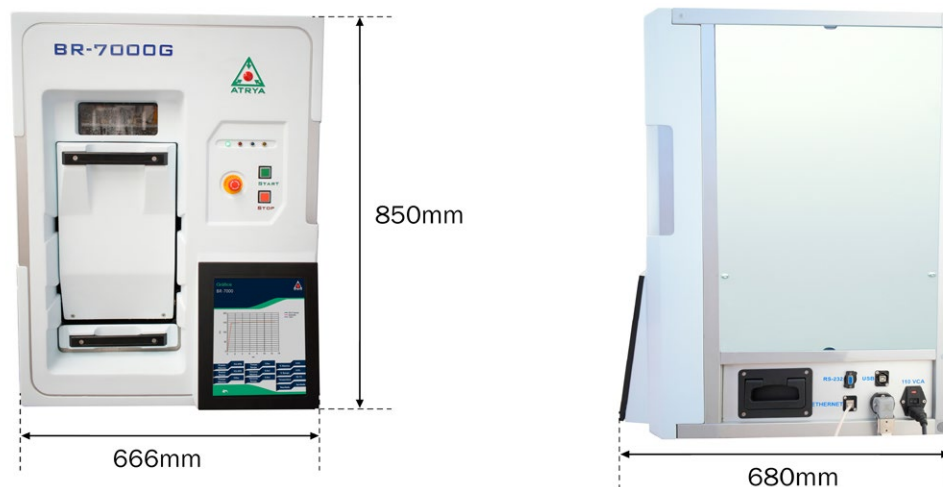


Figura 1 Dimensiones Generales

Test Mode	Do or don't pass, progressive and personalized
Dimensione (front x bottom x high)	620 X 590 X 820 mm (24.41 x 23.23 x 32.28 in)
Approximate weight	120 kg
Maximum test pressure	500 PSI
Maximum sample capacity	3.785 l
Maximum dimensions of the sample	Ø150 x 310 mm of height (Ø 5.91 x 12.20 in)
Power Supply	110-220 V C.A. / 50-60HZ
Power	95 W
Air Supply	Recommended filter 20 microns (60 microns min) Maximum flow 26.4 SCFM (748 l/m)
Pressure Air supply	100 psi Min 650 psi Max
Water supply	Concentration not more than 0.5 ppm of dissolved salts Recommended flow 0.44 SCFM (12.5 l/m)
Pressure Water supply	40 psi (137.9 kPa) Min 60 psi (413.9 kPa) Max
Connection to the water supply	3/8" NPT Female
Connection to the air supply	1/4" NPT Female
Drainage connection	Ø 1 1/2"
Interface	Touch screen 10"
Communication Port	RS-232 Socket
Accuracy of measurement of pressure	± 2 psi
Pressure resolution	1 psi
Time resolution	1 s