

## ABT-3100 – Aerosol Burst Tester

*Burst/Buckle Tester for Aerosol Cans*

The New and Improved Aerosol Can Burst Tester is a semi-automated burst / buckle tester designed to check the pressure at which the aerosol can end will buckle, and the pressure at which the aerosol can will burst.

### The ABT-3100 is faster and more powerful than ever!



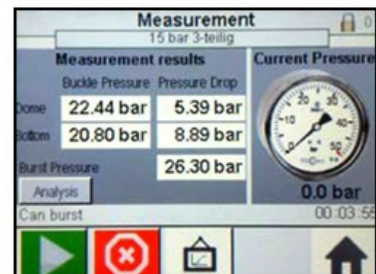
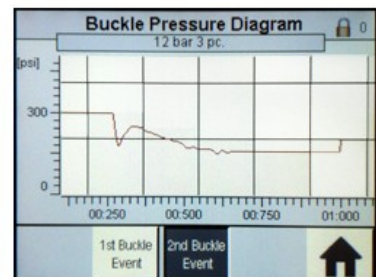
The Aerosol Burst Tester now uses 50 bar test pressure may be programmed with up to 60 fully- customized test types, such as holding at set pressures. In addition to 2-piece and 3-piece aerosol cans, the ABT-3100 can also be adapted to fit PET, Monobloc and aluminum bottles with even the softest curl.

The can is placed in a specially designed holder which allows it to hang freely. The Aerosol Can Burst Tester automatically fills the aerosol can with water to a pre-programmed pressure, then the programmed test sequence begins. The pre-programmed test sequence then begins. Values are automatically recorded for top buckle, bottom buckle, and burst pressures (the tester can automatically assign which end burst). Optionally, one or two thresholds may be programmed into the test sequence, allowing the can to be held at a desired pressure for a specified length of time.

The results are shown on screen. Top Buckle and Bottom Buckle test may be graphed [pressure over time] on-screen with 3-Piece cans. Results are also available for data transfer directly into Visionary QC or other data acquisition software.

## Features

- 60 Fully-customizable test types, such as holding at set pressures
- Measures Pressure Drop at time of Buckle
- Auto-start functionality - Begin test as soon as door is secured.
- 55 bar Max Test Pressure
- Best-selling burst tester in the industry
- Automatic detection of buckle and burst
- Automatic assignment of top or bottom burst
- Automatic data export
- With 3-piece cans, Top and Bottom Buckle may be graphed [pressure over time] on-screen
- Fully-self contained with internal water supply
- Multiple heights and diameters of aerosol cans may be measured without the need for change parts.
- Additional adapters are available for Monobloc, PET Bottles, Aluminum Bottles, and Aerosol Cans with non-standard openings.



## Technical Details

**Characteristics Measured:** Burst and Buckle

**Max Height:** 300mm

**Max Test Pressure:** 55 bar

**Range:** opening (adapters available)

**Output Interface:** RS232

**Electrical Power Required:** 100-240VAC 50-60Hz

**Air Pressure Required:** 90 psi (6 bar)

**Weight:** 150kg (423 lbs)

**Dimensions:** 600mm x 820mm x 1610mm (24in x32 in x 63in)