

Burst Tester for Plastic (PET) Bottle, carbonated drink, up to 2 liters

Model EH-5000



Feature

- Maximum pressurization up to 2.5MPa
- Water is circulation system in the burst equipment (It provides a tank in the burst equipment and is no influence by the changing water pressure at testing place)
- It is used city water in a tank
- The filter is provided for the remove the trash in circulation water
- Measuring data, the pressurization and the expansion water flow are displayed on the computer display at real-time
- Lot measuring data is saved and tally up with the same time
- Excel, Lotus 123 are used to data process (saving in secondary memory at CSV format)
- Measuring condition are 5 items, (1) Burst, (2) Fill-burst, (3) Fill-rump, (4) Double fill-burst (5) Double fill-rump
- Windows-based software allows you to set-up measuring method and condition on the computer and operating
- Measuring unit is Mpa mainly, but Kgf/cm² unit is available
- The casters for the movement and metal fittings for the set up

SPECIFICATIONS

Model	EH-5000		
Object bottle	Plastic (PET) bottle, 200 milliliter to 2 liters		
Pressurization method	Increasing and pressurizing cylinder method		
Water	City water (The rated waters is filled in the tank)		
Maximum applied pressure	2.45Mpa (25Kgf/cm ²) in waterway		
Pressurization setting	0.49Mpa to 2.45Mpa (5 to 25Kgf/cm ²)		
Maximum expansion flow	2300 milliliters	Expansion flow accuracy	: ± 0.1mm of measuring cylinder length
		Method	: Convert to flow from the moving distance of measuring pressurization cylinder
		Minimum measuring flow	: Approx. 0.8 milliliter
Testing item	1. Bust 2. Fill-burst 3. Fill-rump 4. Double fill-burst 5. Double fill-rump		
Pressurization speed setting	0.0196~0.49 Mpa/sec (0.2~5.0kgf/cm ² /sec) (It is not continuous value) (Optional setting is available)		
Holding pressure 1	0.49Mpa to 2.26Mpa (5 to 23Kgf/cm ²) at the setting hold pressure of fill-burst and fill-rump		
Holding time 1	600 sec. max. at holding pressure 1 (Optional setting is available)		
Holding pressure 2	0.49Mpa to 2.26Mpa (5 to 23Kgf/cm ²) at 2nd stage of the setting hold pressure of double fill-burst and double fill-rump, however, it should be set at higher pressure than holding pressure 1		
Holding time 2	≤600 sec. (Holding time 1 + holding time 2) Holding time of holding pressure 2		
Measuring mode	1. Measuring and data saving with once 2. Measuring continuous (100 bottles max.), data saving and processing, and graph display		
Testing result	1.Manual measuring : Testing condition, strength pressure at burst, expansion flow, measuring time, print 2. Lot measuring : The above feature, averaging, maximum and minimum value, the standard deviation value, graph display		
Ambient	10 to 40°C		
Data saving	Hard disk, etc. (saving in secondary memory at CVS format)		
Line Voltage	Selectable 100/120/220/240V 50/60Hz		
Compressor	0.55Mpa min. at constancy pressure		
Size	W1060×H1920×D790 mm with casters		
Weight	530±10Kg		

Other products

- | | |
|---|---|
| <input type="checkbox"/> Bottle sink (Bottle bottom height measurement) | <input type="checkbox"/> Topload tester (Load deformation test equipment) |
| <input type="checkbox"/> Bottle pressure-resistant measurement | <input type="checkbox"/> Bottle & Preform mouth dimension measurement |
| <input type="checkbox"/> Bottle thickness automatic measurement | <input type="checkbox"/> Infrared thermometer for bottle preform |
| <input type="checkbox"/> Bottle can mouth dimension measurement | <input type="checkbox"/> Body outline form measurement |
| <input type="checkbox"/> Bottle height · body diameter measurement | <input type="checkbox"/> Static image storage (GRS) |
| <input type="checkbox"/> Decrease pressure-resistant measurement | |

The specification and externals might be changed without a previous notice because of the improvement.

Sale · Project · Maintenance

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