

HST-IPTM6 Glass Bottle Internal Pressure Testing Machine



Note: The picture is for reference only

Product Introduction:

The Glass Bottle Internal Pressure Testing Machine is suitable for testing the internal pressure resistance of various glass bottles, including beer bottles, wine bottles, beverage bottles, infusion bottles, and antibiotic vials. The product conforms to the test items specified in GB/T 4546-2008 Glass Containers—Test Method for Internal Pressure Resistance, and also meets the requirements of various standards such as YBB. It automatically displays the pressure changes throughout the entire test process and can meet the requirements for pressure holding tests and burst pressure tests of glass of various capacities. The Glass Bottle Internal Pressure Testing Machine is an essential testing instrument for breweries, glass bottle manufacturers, quality inspection agencies, and pharmaceutical production enterprises.

Technical Parameters

Specifications	Parameters
Measurement Range	0.5~6MPa
Pressure Unit	MPa, bar, PSI, kPa
Resolution	0.00
Pressure Test Error	±0.5% F.S
Pressure Increment Rate	0.4~0.58±0.1MPa/s; 1.0±0.2 MPa/s
Bottle Neck Clamp Diameter	Φ24~29mm (Standard configuration, other specifications require customization)
Water Source Requirements	Continuous water source or water tank

Water Source Connector	Φ8mm
Air Source Requirements	0.5-1Mpa clean compressed air
Air Source Connector	Φ6mm
Dimensions	600mm (L)×650mm (B)×1450mm (H)
Operating Environment	Temperature 15℃-50℃; Humidity ≤80% Non-condensing
Power Supply	220V 50Hz
Weight	80Kg

Testing Applications

Basic Applications	Beverages and alcoholic beverages	Beer bottles, liquor bottles, wine bottles, soft drink bottles, and other types of glass bottles
	Pharmaceutical packaging materials	Pill bottles, infusion bottles, and other types of glass bottles
	Condiments	Canning jars, wide-mouth jars, glass jars, and other types of glass bottles
	Daily chemical products	Cosmetic glass bottles, chemical reagent glass bottles, and other types of glass bottles
Extended Applications(Optional)	Metal cans	All types of aluminum cans, aerosol cans, and other types of metal cans

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