

Leakage Tester

Application:

Leakage tester is suitable for sealing test of bags, bottles, tubes, cans and boxes in food, pharmaceutical, medical equipment, daily chemicals, automobiles, electronic components, stationery and other industries. It can also be used to test the sealing performance of the specimens after the drop and pressure resistance tests.

Features:

- * Microcomputer control, test parameters can be set, automatic testing process.
- * Hold time, test pressure, and pressure replenishment ratio can all be pre-set for one-touch operation throughout the testing process.
- * Sealed chamber is made of high quality plexiglass tubing with 15mm thickness.
- * Automatic pressure release and purge upon completion of testing, saving operational time.
- * Imported pressure sensors paired with precision relays for rapid response and stable pressure control. Integrated calibration module supports multi-point calibration for third-party verification.
- * The instrument features an integrated compressed air filtration and pressure regulation system, with an external design for easy drainage and debris removal, ensuring the safe operation of internal components.
- * To ensure uninterrupted operation, the instrument utilizes a three-power-source independent supply mode: separate power supplies for the main controller, pressure reception module, and pressure control module.



Technical Parameters:

Model	BK-ST134
Vacuum Degree Range	-90~0kPa
Vacuum Accuracy Class	Class 0.5
Resolution	0.1kPa
Pressure Acquisition Rate	2ms
Pressure Replenishment Response Speed	5ms
Original Air Pressure	0.5~0.7MPa (User-supplied, optional)
Original Air Connection	Φ6 polyurethane pipes
Control Method	Microcomputer control, automatic test procedure
Display	LCD display
Vacuum Storage Time	0~6000s (Can be enlarged)
Data Output Mode	Thermosensitive or needle type printer (Optional)
Effective Size of Vacuum Chamber	Standard: Φ270*210mm (H) Optional: Φ360*585mm (H) and Φ460*330mm (H) Note: customization is available for other sizes
Power Supply	AC 220V, 50/60Hz; 110V, 50/60Hz (Optional)
Standard Accessories	Main machine, vacuum chamber, air tube, technical documents
Optional Accessories	Air compressor, sample holder
External Size (W*D*H)	Main machine: 420*320*120mm Vacuum chamber: 300*350mm (H) (Standard)
Package Size (W*D*H)	Main machine: 530*430*250mm Vacuum chamber: 370*370*420mm
Net Weight	16kg
Gross Weight	23kg



BK-ST130



BK-ST132

Features:

- * The performance of pneumatic components is stable and reliable.
- * High quality plexiglass sealing barrel, effectively enhance the compressive strength.
- * Electronic pressure holding device, reduce mechanical wear.
- * PVC operation panel, LED display.
- * Built-in time display, convenient for users to record and observe the pressure holding time.
- * Automatic constant pressure air supply, automatic backblowing unloading pressure (Only for BK-ST132).
- * External compressed air filter device, easy to drain water and clean impurities (Only for BK-ST132).
- * Dual power supply independent power supply (Only for BK-ST132).

Technical Parameters:

Model	BK-ST130	BK-ST132
Vacuum Degree Range	-90~0kPa	
Vacuum Accuracy Class	Class 0.5	
Resolution	0.1kPa	
Original Air Pressure	0.5~0.7MPa (User-supplied, optional)	
Original Air Connection	Φ6 polyurethane pipes	
Control Method	Manual adjustment, automatic timing	Microcomputer control, automatic test
Display	LED display	
Power Mode	/	Compressed air
Vacuum Storage Time	0~9999h59min59s	0~9999s (Can be enlarged)
Effective Size of Vacuum Chamber	Standard: Φ270*210mm (H) Optional: Φ360*585mm (H), and Φ460*330mm (H) Note: customization is available for other sizes	
Power Supply	AC 220V, 50/60Hz; 110V, 50/60Hz (Optional)	
Standard Accessories	Main machine, vacuum chamber, air tube, hand valve, power cord, technical documents	Main machine, vacuum chamber, pressure regulating filter, air tube, power cord, technical documents
Optional Accessories	Air compressor, sample holder	
External Size (W*D*H)	Main machine: 420*320*120mm Vacuum chamber: 300*350mm (H) (Standard)	
Package Size (W*D*H)	Main machine: 530*430*250mm Vacuum chamber: 370*370*420mm	
Net Weight	16kg	
Gross Weight	23kg	