

FST-3102 Film Shrinkage Tester



Application

This instrument is suitable for the highly accurate and digital measurement of heat shrinking force, shrinkage ratio and contracting force of various heat shrinkable films. Usually film samples include stretch film, blown film, shrink wrap, battery separation membranes, etc.

Features

1. One-click test, test results will automatically display on the screen.
2. Built-in 3 test stations, each station can independently complete the shrinkage force, contracting force and shrinkage ratio test.
3. Force curves and ratio curves display with single and multiple display technology.
4. Highly accurate shrinkage ratio test relies on our own technology.
5. Oil free operation, no contamination.
6. Built-in embedded system, easy to remote maintenance and upgrades.
7. Computer control.

8. DB9 RS232 communication port.
9. Professional computer software for data analysis and output.

Technical indexes

1. Force Range: 100N(STD)
2. Force Accuracy: 0.05%FSMAX
3. Shrinkage Ratio: 100mm
4. Shrinkage Ratio Accuracy: 0.1mm
5. Hood Temperature: room temperature~260°C
6. Temperature Accuracy: ±0.3°C
7. Sample Size: width: 15mm; length: >100mm
8. Work Station: 3, independent
9. Gas Resource: 0.1MPa-0.8MPa(air; free oil, water and dust)
10. Gas Interface: Φ8mm
11. Dimension: 590mm(L)x385mm(W)x435mm(H)
12. Power Supply: AC 220V 50Hz (others optional)
13. Net Weight: 61kg

Standard

ISO 14616, DIN 53369

Configuration

Standard: Mainframe, Computer, PCIE Card, F-Shrinkage Computer Software, Communication Cable, Precision Pressure Regulator, Sample Cutter(15mm)

Optional : Gas Super Filter, Printer

Note: Specifications are subject to change without prior notice.