

Tablet Friability Tester

Introduction:

The friability tester is designed to evaluate the mechanical stability, abrasion resistance, and collision resistance of uncoated tablets during production, packaging, storage, and transportation. It also assesses the friability of coated tablets and capsules.



Features:

- * Single-channel dual-drum system with synchronous operation and automatic shutdown.
- * High-quality colorless transparent acrylic drum for clear observation.
- * Preconfigured parameters compliant with pharmacopeial standards for rotation counts and speed, ensuring user-friendly operation.
- * Intelligent control of drum rotation speed and cycle counts for precise performance.
- * LCD display with time-sharing readouts of preset and real-time values.

Technical Parameters:

Model	BCS-2
Cylinder Number	2
Cylinder Radius	Φ286mm
Cylinder Depth	39mm
Tablet Fall Height	156mm
Rotating Speed	30rpm
Rotating Accuracy	±1rpm
Rotation Count	100turns
Consumption	20W
Power Supply	AC220V,50Hz(Standard); AC220V/110V, 60Hz(Optional)
External Size(W*D*H) mm	370*300*340
Package Size(W*D*H) mm	430*350*370
Net Weight(kg)	8
Gross Weight (kg)	10

Tablet Hardness Tester



Introduction:

The tablet hardness tester is designed to measure the crushing hardness of tablets.

Features:

- * High-precision pressure sensor ensures accurate and reproducible testing.
- * High-definition LCD display with intuitive interface provides clear prompts and quantitative metrics for user-friendly operation.
- * Flexible measurement modes: Manual single-tablet testing or automatic continuous testing.
- * Automated functions: Tablet pressing, real-time display, auto-locking, auto-reset, cyclic testing, linear error correction, and fault diagnosis.
- * Historical data query for automatic continuous testing, facilitating efficient data management.
- * Automatic ejection travel calculation minimizes downtime during testing.
- * Quick and precise measurement of tablet diameter.

Technical Parameters:

Model	BYD-2
Test Range	2~200N/500N(0.2~20kg), Customize: 2~500N(0.2~50kg)
Resolution	0.1N, 0.01kg
Accuracy	±0.5%
Tablet Test Diameter	2~40mm
Repeatability	±1%
Number of Tablets per Test Group	≤100
Consumption	40W
Power Supply	AC220V,50Hz(Standard); AC220V/110V, 60Hz(Optional)
External Size(W*D*H) mm	400*240*160
Package Size(W*D*H) mm	450*290*200
Net Weight(kg)	8
Gross Weight (kg)	10