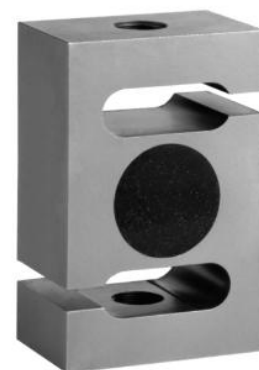


HD-A502S-1500 Box Compression Test Machine



Panasonic Servo Motor



TECSIS Compression force load cell – S-Type

GENEAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 2200*1600*2400mm

Power supply source: single-phase, 220V±10%, 50/60Hz (can be appointed)

Gross Weight: 1450kg

STANDARD FEATURES

Item	Description
Max. Force	5000kg
Load cell	1 load cell for highest accuracy
Control system	Windows 7, RS-232 interface
Motor	Panasonic servo motor w/ DC variable speed drive system, high-precision mechanical ball screw rod
Force reading	kgf, lbf, N, KN, T etc
Load cell Resolution	1/250,000
Load Precision	within $\pm 0.25\%$
Parallelism of Platens	Parallel within $\pm 2.5\text{mm}$
Effective test area	1300×1500×1500mm
Test speed	10 $\pm 3\text{mm/min}$ (0.01~200mm/min adjustable)
Software	TM 2101
Data display	Load, displacement, speed, loading rate and elapsed time
Safety features	E-Stop Over-load protection Upper and lower limit switches Load sensor with automatic retreat

APPLICATIONS

This instrument can make compression tests of packages (boxes) or packing and determine their piling up resistance (for storage and transport). These tests are called B.C.T. (Box Compression Test).

The Compression Testers can operate in five ways:

1. Deformation under defined load: Test deformation under defined load of various corrugated cartons and beehive crates
2. Load under defined deformation: Test load under defined deformation of various corrugated cartons and beehive crates
3. Maximum load: test the maximum load of various corrugated cartons and beehive crates
4. Stacking test: stack test of various corrugated cartons and beehive crates
5. Cyclic test: dynamic strain according to strength & stroke

SOFTWARE – TM 2101

