

Compression Tester for Packaging / CT – 1000 Series



This machine is used to evaluate a compressive strength of packaging container. This test will be contributed to improve your packaging and control a quality to prevent the damage in an actual stage environment

Features

- 4 models is listed you can select the one of them depend on your testing condition, maximum loading and testing space.
- Testing mode, a stationaly speed compression or creep test, can be selected via PC software.
- Clear windows are found on each drum for confirming the dropping specimen.
- Graphical PC software is easy to use with data analysis function.

Applications

- Compression test for Packaging container.
- Evaluation test to find the compressive strength of container.

Specifications

Model	CT-1000-2	CT-1000-5	CT-1200-2	CT-1200-5
Test Space(mm)	1000×1000×900		1200×1200×1000	
Max. load (kN(kgf))	20(2000)	50(5000)	20(2000)	50(5000)
Compression Speed(mm/min)	0.1~300			
Platen	Universal joint			
Safety	Mechanical stopper, Emergency botton, Leakage breaker			
PC connection/th>	TCP/IP (with LAN)			
Power supply	200-240VAC 5A	200-240VAC 8A	200-240VAC 5A	200-240VAC 8A
Size (mm)	1590×1000×1700		1790×1200×1760	
Weight (kg)	800	850	900	950
Applied Standard	JIS Z0212、ISO2872、ISO12048			
PC software	Windows7/8/10 (without PC)			

Testing of Cushioning Materials



Automatic Cushioning Shock Tester ACST-200

Dynamic characteristic test of cushioning materials can be tested. Also, in a test repeated an automatic operation, reduction in cushioning effect and loss in thickness which result from impact applied repeatedly can be measured.

Features

- The impact rate change characteristics of the dimensions load-change characteristics and consistent dimensions load is simply acquired.
- The buffering characteristic is simply acquired using buffering characteristic analysis software.
- A control device can perform operation altogether except setting of the weight and the fall height of the fall weight and the size of a specimen.
- The rebound stop equipment of the fall weight is equipped.

Applications

- Testing of cushioning materials (cardboard boxes, expanded polystyrene, urethane foam and etc).

Specifications

Model	ACST-200
Specimen max size (mm)	220 x 220 (area of 484 square centimeters.)
(approx inch)	8.66 x 8.66
Fall weight (kg)	Lightweight type : 2.3 kg - 10.0 kg Heavyweight type : 5.0 kg - 50.0 kg
Acceleration (m/s ²)	3000m/s ² (300G)
Drop height (mm)	1200 mm
(approx inch)	47.24 inch
Size (W x D x H mm)	W565 x D740 x H2730
(approx inch)	22.24 x 29.13 x 107.48
Capacity	480 kg
(approx lbs)	1058.2 lbs
Controller Size (W x D x H mm)	W575 x D750 x H1220
(approx inch)	22.64 x 29.53 x 48.03
Power supply	AC200V 3-phases 5A
Applied Standards	JIS Z 0235-2002, ASTM D 1596-02(2009), MIL-C-26861-87

* There is optional fall weight of ultralight type: 0.9kg.

* When fall weight is 3 kg or less, the rebound stop equipment cannot be used.