



Available Variants

1. Box Compression Strength Tester – 1000 × 1000 mm Platform – 1000 Kgf Load Capacity
2. Box Compression Strength Tester – 600 × 600 mm Platform – 1000 Kgf Load Capacity
3. Box Compression Strength Tester – 450 × 450 mm Platform – 1000 Kgf Load Capacity
4. Box Compression Strength Tester – 2000 × 1000 mm Platform – 1000 Kgf Load Capacity

Salient Features

- Digital electro-mechanical model with Touch Screen HMI for easy operation.
- Direct display of Load/Collapsing Force and Deflection/Compression.
- No manual calculations required.
- Auto-stop function upon completion of the test.
- Continuous rate of loading for consistent testing.
- Stepper motor-controlled operation.
- Equipped with 2/4 load cells for accurate load measurement.
- Selectable compression units: N / Kgf / KN.
- PLC-based control system for precise and reliable operation.
- HMI stores the last 5 readings.
- Programmable memory available with PC software.
- RS-485/RS-232 data output depending on variant.
- Reputed make electric motor and drive system.
- Supplied with load-cell calibration certificate traceable to National Standards.
- Auto-calibration facility at 100 Kgf.
- Calibration weights can be used for installation and periodic calibration.
- Supplied with instruction manual and IQ/OQ/PQ documents for pharmaceutical applications.
- Suitable for constant-rate compression testing of cartons and packages.
- Available in multiple platform sizes to accommodate different carton dimensions.

Technical Specifications

- Compliance Standards: IS 7028 (Part VI), IS 7028 (Part IX), ASTM D4577, ASTM D642, TAPPI T804
- Loading Capacity: 1000 Kgf
- Testing Range: 10–1000 Kgf
- Display: Touch Screen HMI
- Control System: PLC
- Least Count: 20 g (0.02 Kg)*
- Auto Calibration: At 100 Kgf
- Speed Range: 0.01–70 mm/min
- Operating Speed: 10 ± 3 mm/min
- Unit Selection: N / Kgf / KN
- Loading: Continuous Rate of Loading
- Drive: Stepper Motor Controlled

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

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Tal-Daskroi, Ahmedabad-382 433.
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GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



EIE INSTRUMENTS PVT. LTD.

(An ISO 9001:2015 Certified Company)

- Load Cells: 2/4
- Auto Stop: Provided
- Power Supply: 440 V, 50 Hz, 3-Phase AC*

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