



SUZUKI INSTRUMENTS

Think Reliability. Come To Us

BOX COMPRESSION STRENGTH TESTER-450 X 450 MM PLATFORM-1000 KGF LOAD CAPACITY

Salient Features

1. Digital Electro - mechanical model.
2. Digital Model with Backlit LCD Display for easy readability
3. Direct Display of Load / Collapsing Force & Deflection/Compression
4. No Calculations Required
5. Auto-stop upon completion of Test
6. Unlimited programmable memories
7. Continuous rate of Loading
8. Stepper Motor controlled operation
9. 2/4 load cells for highest accuracy
10. Selectable compression units N/Kgf/KN
11. RS-232 data output facility
12. PC Software (See optional accessories)
13. Reputed make electric motor and its drive
14. Supplied complete with calibration certificate of Load cell traceable to National Standards
15. Also, supplied complete with instruction manual and IQ/OQ/PQ Documents (For pharma industries)



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Testing Principle

Constant Rate of Loading With non-destructive testing facility for cartons at predetermined load. Unlimited programmable memories

Utilities Required (To be supplied by the buyer)

1. Power Supply : 440 Volts, 50 Hz, 3-Phase AC Supply (Fluctuation Free Power required)
2. 100 Kg Cast Iron Weights (In any combination. Preferably, 20kg x 5 nos). These weights are required for calibration at the time of installation and then every 6-months for routine calibrations.

Technical Specification

•Loading Capacity	: 1000 Kgf
•Least count	: 20 Grams (0.02 Kg)
•Display	: Touch screen HMI
•Controlling System	: PLC (Programmable Logic Controller)
•Suitable for a Testing Range	: 10-1000 Kgf
•Auto Calibration facility	: At 100 Kgf
•Machine Platform Size	: 450 X 450 mm (Approximately)
•Speed Range	: 0.01 - 70 mm/min
•Operating Speed	: 10 ± 3 mm/min (As per standard)
•Can accommodate Max Carton	: 440 x 440 x 950 mm (H) can be accommodated
•Unit Selection	: N / Kgf / KN
•Power Supply	: 440 Volts, 50 Hz, 3 Phase AC Supply
•Overall Dimensions	: 1100 X 410 X 1500 mm

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