

COMPRESSION TESTER - MODEL 152



Severe compressive forces occur when packaged-products are stacked during transit or storage. To evaluate the performance of packages, components, and materials under such loads, Lansmont offers a full line of Compression Testers. Lansmont Compression Testers comply with industry standard package testing specifications including ASTM, ISTA, ISO, and MIL-STD.

The Model 152-30 is a large format servo-hydraulic compression test system that utilizes the TouchTest 3 control system. With a 60 inch square platen and 30,000 pounds of force, the Model 152-30 is designed to evaluate the load carrying capability of large shipping containers, pallets, unit loads, and large bulk containers.

Features

Touch Test compression 3 controller

The intuitive TTC3™ control software integrates the machine control functions with the data capture, analysis, and reporting features. TTC3™ allows users to export test data to Windows™ applications. Networking features allow quick and easy transmission of test results via e-mail. TTC3™ has a full range of testing capabilities including Constant Deflection Rate, Ramp to Load and Release, Stacking Simulation, and Deflection profile compression tests.

Top load design

Our "Top Load" machine design applies the compression force from above during compression testing, providing a more realistic simulation of the compressive loads that packaging experiences when stacked.

Low profile baseplate

The compression system baseplate has a low profile for added convenience and safety when loading or unloading large packages or unitized loads during testing.

Specifications

- » Power supply
 - 115/220 V AC - 50/60 Hz (Model 152-30k)
 - 115/220 V AC - 50/60 Hz (Model 152-50k)
- » Dimensions
 - 371 x 203 x 152cm (H x W x L) (Model 152-30k)
 - 371 x 203 x 152cm (H x W x L) (Model 152-50k)
- » Weight
 - 4082 kg (Model 152 - 30k)
 - 4309 kg (Model 152 - 50k)
- » Package test stand dimensions
 - Sizes: 61 x 61 cm / 76 x 76 cm / 91 x 91 cm
- » Crate information (standard machine)
 - 188 x 190.5 x 429cm (H x W x L) (Model 152-30k)
 - 188 x 190.5 x 429cm (H x W x L) (Model 152-50k)
- » Testing modes
 - Constant deflection rate
 - Ramp to load and release
 - Load profile simulation
 - Deflection profile simulation

Options

- » Fixed/floating platen
- » Package test stands
- » Low range load platform
- » Temperature/relative humidity sensor