Clamping Compression Tester

Lansmont Field-to-Lab®

Provided with hand-held test controller

Severe horizontal compressive forces occur when packaged products are mechanically handled at different points within the supply chain. Packages can also experience damage-inducing horizontal compressive forces in both the e-commerce and parcel environments as fast moving packaged products accumulate at various points in those supply chains.

To evaluate the performance of packages, components, and materials under such loads, Lansmont offers a the Clamping Compression Tester. Lansmont Compression Testers comply with industry standard package testing specifications including ASTM, ISTA, ISO, and MIL-STD. The Clamping Compression Tester delivers ISTA 6 Series capability for both Amazon and Sam's Club testing requirements.

PERFORMANCE SPECIFICATIONS

Test Speed Range	Max Test Item Weight	Platen Size	Max Platen Opening	Max Test Load	Max Test Item Weight
0.04 - 0.4 in/min	20 in/min	48 x 48 in	76 in	2,000 lbs	1,000 lbs
1-10 mm/min	500 mm/min	122 x 122 cm	193 cm	907 kg	454 kg

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Test Modes:

Clamp – No Lift – To Load and Hold
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Hand-held touchscreen controller

Applied force vs. displacement data display and graphical reporting

User-defined high-speed platen positioning during both pre-test and during initial test – until preload is reached

User-defined platen speed for testing

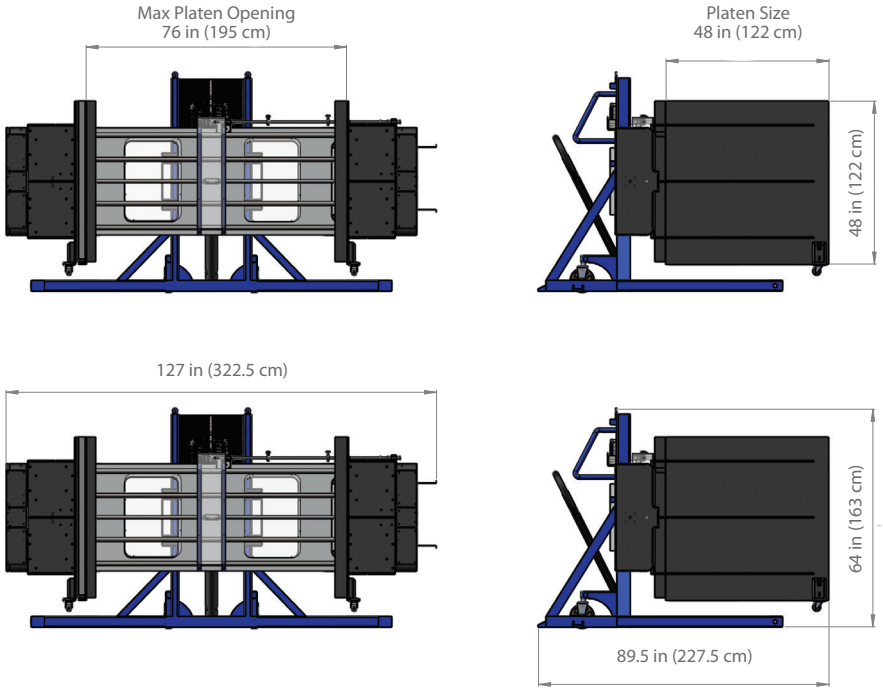
Built-in mobility allowing relocation during active and inactive operations

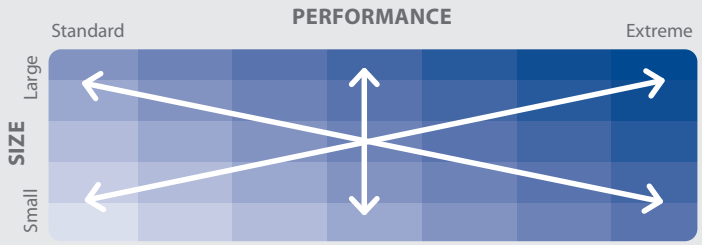
Overall System Dimensions: 127 x 89.5 x 64 in (3225 x 2275 x 1630 mm)

Weight: 2,200 lbs (1,000 kg)

Electrical Supply: 110 V 60 Hz

System Dimensions and Operating Envelope





MADE TO ORDER

Not quite the equipment size or performance level that you need? If we do not already manufacture the test machine ideally suited for your company's testing applications, our engineering team can custom design a test system specific to your needs.

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