

## Series 152 Compression Test Systems

Lansmont's Model 152 Compression Test System is specifically designed to efficiently and accurately evaluate the performance of individual packages, pallets, and unit loads under compressive forces. The Model 152 is available in two versions, 30,000 lbs. Force (13607 kgf) or 50000 lbs. Force (22680 kgf). With exclusive TouchTest Compression 3™ (TTC3™) Windows™ based interface software, the 152 Series are extremely easy to quickly learn and operate. Closed-loop control and hydraulic technology guarantee accuracy, tight control, and repeatability. And of course, as you would expect from Lansmont, years of trouble free operation are ensured as a result of the Model 152's proven, rugged, and reliable design.



152-50K

### Series 152 Features:

- TTC3's™ intuitive Windows™ based software system integrates the test hardware, operating controls, data capture and analysis, and reporting functions. TTC3™ allows integration of your compression test results with all of your favorite Windows™ applications and provides network features that allow quick and easy transmission of test results via e-mail.
- Preprogrammed Automated industry tests ensure quick, repeatable results. Built-in versatility accommodates more complex user defined Load and Deflection Profiles to simulate real world conditions found in the field (Field-to-Lab™).
- A unique "Top Load" machine design and Low Profile Base Plate allow for quick and convenient loading and unloading of large test items.
- Full range of applications training programs available.
- Worldwide Customer Service department.



152-30K

### Compression Testing Benefits:

- Reduce packaging costs.
- Eliminate shipping damage.
- Reduce injury liability.
- Identify design defects.
- Compare product/package design options.
- Increase product ruggedness.
- Achieve faster market entry.
- Monitor production line or incoming vendor quality.
- Verify theoretical top-to-bottom compression strength.
- Simulate distribution warehouse and vehicle stacking hazards.

# Series 152 Compression Test Systems

## TECHNICAL SPECIFICATIONS

LARGE COMPRESSION TESTERS	152-30K	152-50K
<b>PHYSICAL</b>		
<b>Platen Size:</b>		
Large	60 in. Square (152 cm Square)	60 in. Square (152 cm Square)
Small	30 in. Square (76 cm Square)	30 in. Square (76 cm Square)
<b>Maximum Opening</b>	84 in. (213 cm)	84 in. (213 cm)
<b>Force Capacity</b>	30,000 lbs. (13,608 kg)	50,000 lbs. (22,727 kg)
<b>Force Applicator</b>	Hydraulic Cylinder	Hydraulic Cylinder
<b>Cross-Head Positioning</b>	Electric Hoist	Electric Hoist
<b>Test Speed</b>	0.5 in./Min. (1.27 cm/Min)	0.5 in./Min. (1.27 cm/Min)
<b>UTILITIES</b>		
<b>Voltage</b>	115 – 220 VAC	115 – 220 VAC
<b>Frequency</b>	50 Hz. – 60 Hz.	50 Hz. – 60 Hz.
<b>Phase</b>	Single Phase	Single Phase
<b>Current</b>	15A – 30A	15A – 30A
<b>DIMENSIONS</b>		
<b>Height</b>	148 in. (376 cm)	148 in. (376 cm)
<b>Width</b>	80 in. (203 cm)	80 in. (203 cm)
<b>Depth</b>	60 in. (152 cm)	60 in. (152 cm)
<b>Weight</b>	9,000 lbs. (4,090 kg)	9,500 lbs. (4,318 kg)

### TTC3™ Control System:

- Available in either Bench-Top or Full "System Station" packages.
- Touch-Screen user interface.
- Windows™ operating system.
- User programmable plus pre-defined industry standards included.

