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Coming soon

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SqueezerPro

Compression tester
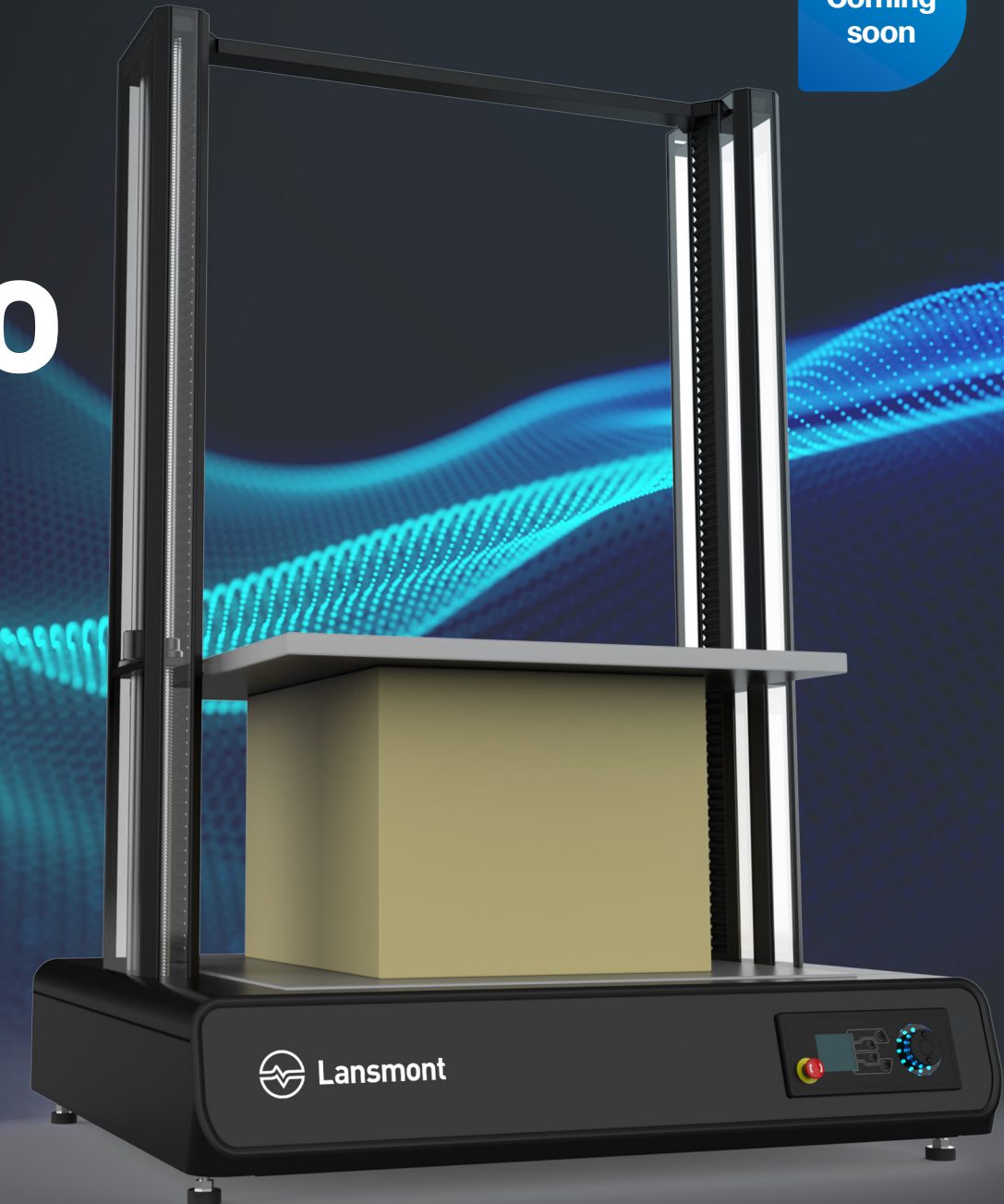
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SqueezerPro

Designed for evaluating box performance. SqueezerPro is a powerful instrument for researching the compressive strength performance of various board mediums, closures, interior partitions and other box design variables. SqueezerPro can also be used for distribution simulation compression testing of individual packages.
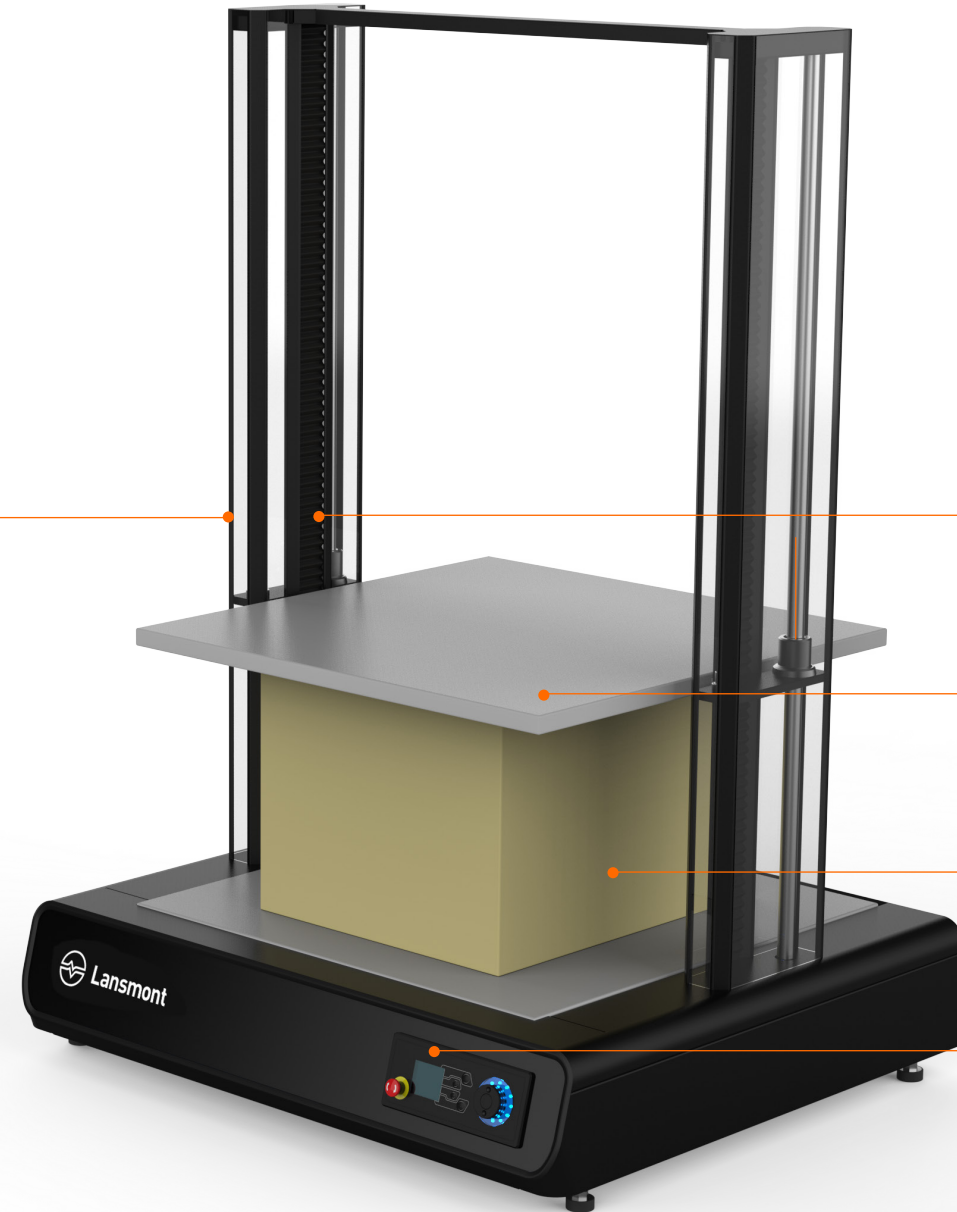
Flexible programming
Test to predefined test standards at the touch of a button or create your own test programs using VectorPro's drag and drop interface.

Powered by VectorPro®

Key features and standards

The SqueezerPro is specifically designed to meet the requirements of key international test standards for testing the compressive strength of cardboard/fiberboard packaging, such as the ISTA 6-Amazon protocol, the certified packaging program developed by Amazon and ISTA to address the risks of damage to packaging throughout the Amazon distribution channel.

Better bearings
Reduced play in column bearings improves performance and longevity.

Precision parallelism
Precision aligned specimen platens ensure accurate and consistent test results.

Greater accuracy and precision
Precise and accurate measurement of compressive strength ensures you make informed decisions about the quality of your packaging.
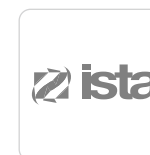
Control panel
Easy-to-use control panel for precise setting of test parameters. Coloured LEDs clearly indicate the machine status during testing

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ASTM	D642-20, D4169, D4577-19, D7030-22
ISO	12048
ista	Proc. 2A 2001 Proc. 2B 2001 Proc. 3H 11-14 Project 6 Amazon.com SIOC 18-18
TAPPI	T 804

VectorPro® software

VectorPro is our advanced force measurement software, featuring batch testing functionality that uses pre-configured tests to create semi-automatic or fully automatic testing on groups of products and product batches. This feature simplifies testing by automatically creating the new test with a graph for every sample, exporting data and printing test reports. Test reports can display overlay graphs or individual test graphs. Batch testing enables monitoring of the batch progress and can be started, paused and restarted at any time

Key features

- Cloud connectivity
- Real-time graph plotting
- Immediate display of results
- Full data export
- Customised report generation
- Drag and drop interface
- Personalised workspace
- Secure user accounts

Powered by
VectorPro®
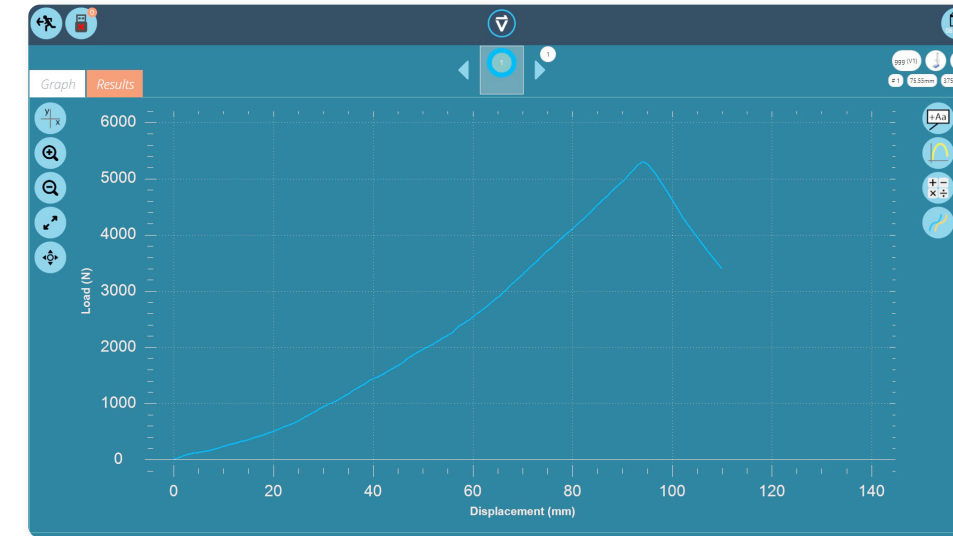
▲ Real-time graph plotting of tests

VectorPro can display real-time force measurement and deflection. Measure Maximum Force using a predefined test standard or your own custom test programs. VectorPro's cloud connectivity enables users to easily share test programs and test results with colleagues.
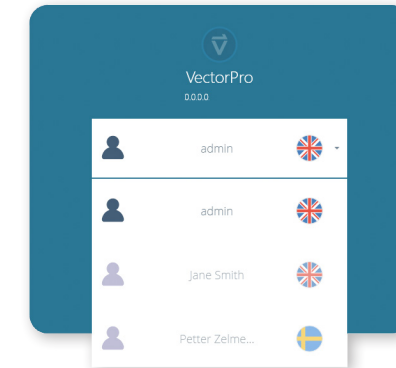
User access

VectorPro also features role management and event logging, enabling supervisors to authorise actions with a digital signature, providing a complete testing audit trail.
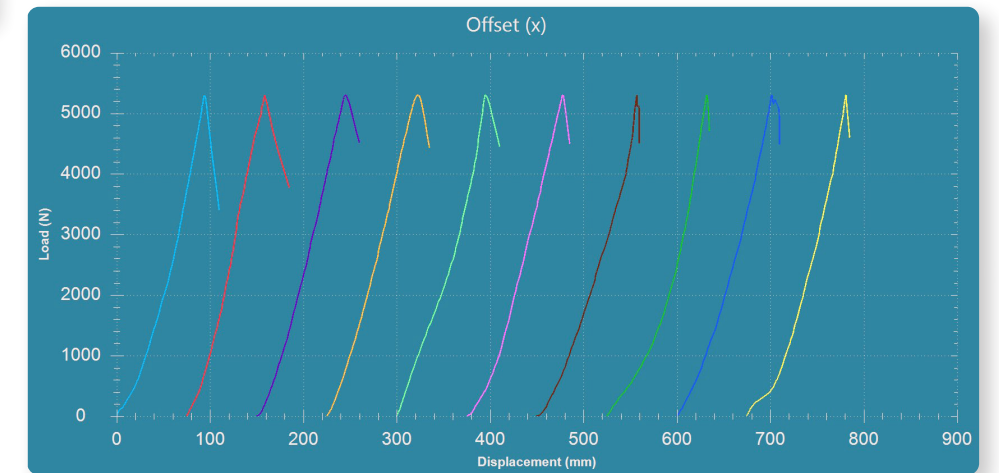
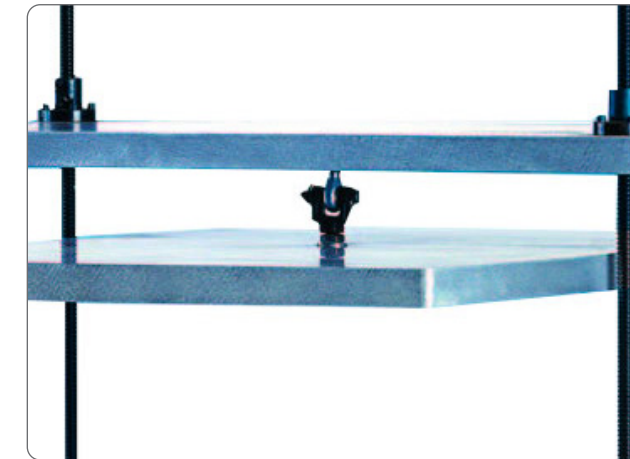▲ Graphical output with tagged curves

Specification

Max Force	25kN (5,500 lbf)
Force accuracy	< ±0.5%
Force resolution	1:25,000 or better
Position resolution	100 microns or better
Position accuracy	< 0.5%
Speed range	1 mm/min – 700 mm/min tbd
Speed resolution	1 mm/min
Speed accuracy	< 1.0%
Movement relative to	Position or load
Sample size (LxWxH)	30" x 30" x 48"
Touchscreen interface	YES (VectorPro)
Compatible printer	YES
Platen configuration	Fixed or floating
Dimensions (WxDxH)	Max 42.5" x 36.6" x 67"

Accessories

The SqueezerPro's rigid platen is available as standard in either a fixed configuration, providing the ability to lock the platen during testing or in a floating configuration, which allows it to swivel as the test item deforms and/or fails.

A range of machine test stands, are available to raise the SqueezerPro to a more functional operating height. These provide a stable surface and an area for specimen preparation.

Fixed/floating platen

Over-sized platen

Machine test stand

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