

Force Measurement Test Stands

Certified, Proven Calibration Solutions



Force Measurement Test Stands

CSA™ Automated Test Stand

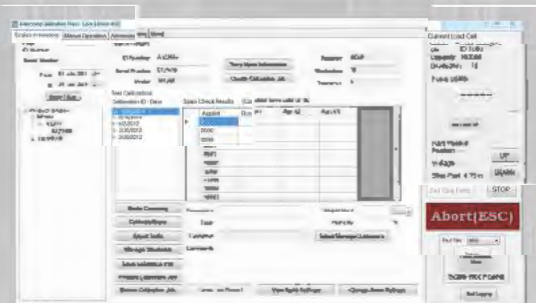
The choice of various international maintenance organizations, Intercomp's Automated Test Stands make the calibration process as simple as possible. These calibration presses allow testing for accuracy and features software for controlling, adjusting and storing results.

- Load Cell & Indicator are Traceable Directly to NIST
- Hands-Free Operation Automatically Performs Alignment through Software when Calibrating Intercomp Scales
- Displays Force Being Applied by Load Cell as well as Current Scale Readout Simultaneously
- Verifies Tolerance of Results & Alerts User if Scale is Out of Spec
- Results are Automatically Verified & Sent to PC for Analysis & Result Storage
- Easily Retrieve History of all Scales Loaded in System
- AC Power Operation (Requires 3-Phase)
- Can be Used with Any Scale Brand
- Designed and Engineered to Meet ASTM E74-13a



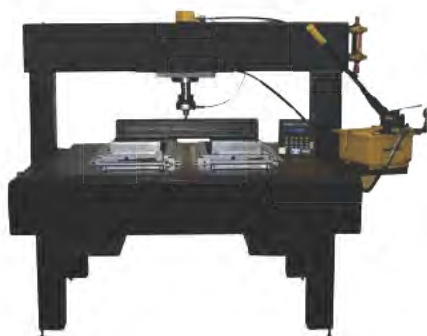
CSA™

Capacity	to 100,000lb (50,000kg)
Accuracy	±0.025% of Reading
Stability	0.001% of Load Cell Capacity
Resolution	Adjustable Down to 0.001% of Load Cell Capacity
NIST Certified	●
Automated	●
Manual	
Working Clearance	1" to 8" (25 to 203mm), 60k Model 1" to 9" (25 to 229mm), 100k Model
Ram Travel	7" (178mm)
Power Source	AC
Test Measurement Area	58" x 55" x 48" (1,473 x 1,384 x 1,219mm)
Overall Size	88" x 49" x 77" (2,245 x 1,219 x 1,959mm)



Calibration Jobs Screen

Intercomp manufactures a variety of force measurement test stands for anyone desiring calibration or quality verification capabilities. With fully automated and manual models available, and with standards traceable back to NIST, Intercomp test stands are trusted, industry-proven products used by many top government agencies and scale industry professionals.



CSM™
Manual Test Stand

Manual test stands meet exacting compression force measurement needs. This floor mounted, high capacity model features a digital, AC powered, NTEP certified, indicator and load cell.

- Load Cell & Indicator are Traceable Directly to NIST
- High Speed Hand Pump uses Standard Hydraulic Fluid & Features 2 Speeds
- AC Power Operation or Battery



CSP™
Portable Test Stand

Easily and efficiently assess product performance and accuracy with this sturdy, portable test stand, featuring a digital, AC powered, NTEP certified, indicator and load cell.

- Factory Certified Load Cell, Traceable to NIST Standards
- High Speed Hand Pump uses Standard Hydraulic Fluid & Features 2 Speeds
- 2" to 8" (51 to 203mm) Ram Clearance

	CSM™	CSP™
Capacity	to 100,000lb (50,000kg)	to 25,000 lb (12,500 kg)
Accuracy	±0.025% of Reading	±0.25% of Reading
Stability	NA	NA
Resolution	NA	NA
NIST Certified	●	
Automated		
Manual	●	●
Working Clearance	0" to 8" (0 to 203mm)	2" to 8" (51 to 203mm)
Ram Travel	10" (254mm)	8" (203mm)
Power Source	AC or Battery	AC
Test Measurement Area	56" x 55" x 46" (1,422 x 1,384 x 1,156 mm)	21" x 33" (533 x 838mm)
Overall Size	76" x 48" x 69" (1,929 x 1,214 x 1,743 mm)	29" x 39" x 36" (746 x 998 x 902mm)

Calibration & Maintenance Services

Our headquarters in Medina, Minnesota - USA offers a full service center and certified technicians providing complete repair, support and calibration for all Intercomp products. Featuring high-precision, fully automated force calibration systems with capacities to 50 tons and tension calibration systems with capacities to 250 tons, we calibrate scales & systems with standards traceable to U.S. National Institute of Standards and Technologies (NIST). Intercomp also maintains an inventory of over 20,000 pounds in dead weights used for testing and calibration which are certified by the MN Department of Weights & Measures.

For customers located in Europe, Middle East and Africa, Intercomp has a sales and service center in the United Kingdom as well. Calibration capabilities include dead weight and fully automated forces of up to 50 tons with standards traceable to the Bureau International des Poids et Mesures (BIPM).

Both calibration and repair facilities are regularly audited as part of our ISO 9001:2008 Certification.



Tension Calibration Frame



Fully Automated Force Calibration Systems



Dead Weight Testing

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advanced weighing technology... by any measure

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