



CDHT Compression Digital Hand Tester

Compression testing only. The CDHT can accommodate springs up to 6" tall and test them with great accuracy. This spring tester has a rugged cast aluminum and steel frame, as well as a precision rack-and-pinion drive with adjustments for wear. The CDHT features convenient hand operation for applying force and adjusting length.

Standard Features:

- Compression testing of force and length
- Tracking or peak modes (2,000 samples / sec)
- Load Cell and frame deflection compensation
- Mechanical and software overload protection
- Digital calibration and linearization
- Backlit digital LED display of force and length
- Wipe-clean embossed key faceplate
- Push-button force and length zeroing
- NIST traceable calibration
- Length measurement in mm or in.
- Force measurement in lb, oz, kg or N

Options:

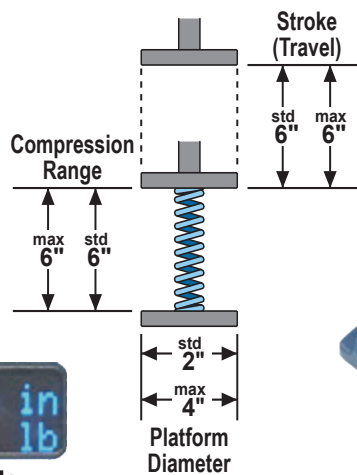
- 4" platforms (025-0000-0191-00)
- Battery pack (025-0000-0294-00)
- Single stop rod (025-0000-0293-00)
- Double stop rods (025-0000-0333-00)
- Micro Length Adjust (025-0000-0407-02)
- RS 232 and USB data output
- Master calibrated springs
 - 10 lb (025-0000-1489-02)
 - 100 lb (025-0000-1489-03)
 - 500 lb (025-0000-1489-14)
- High resolution upgrades
 - Force (050-0000-0107-00)
 - Length (025-0000-0488-00)



Optional 4 Inch Ø Platforms



Clear, Bright LED Display



Micro-Length Adjust Option
Make extremely fine length adjustments and utilize two rigid compression stops built right in to the assembly.

CDHT Model & Load Cell		Standard Resolution		High Resolution Force*		Standard Length	High Res. Length**
Model & Part No.	Capacity	0-100% Full Scale	0-20% FS	20-100% FS	Resolution / Accuracy		
CDHT 11 lb 050-0000-0055-00	11 lb	0.005 lb	0.0005 lb	0.005 lb	0.001 in / 0.002 in	0.0005 in / 0.001 in	
	5 kg	0.002 kg	0.0002 kg	0.002 kg	0.02 mm / 0.04 mm	0.01 mm / 0.02 mm	
	49 N	0.02 N	0.002 N	0.02 N	-		
CDHT 110 lb 050-0000-0056-00	110 lb	0.05 lb	0.005 lb	0.05 lb	0.001 in / 0.002 in	0.0005 in / 0.001 in	
	50 kg	0.02 kg	0.002 kg	0.02 kg	0.02 mm / 0.04 mm	0.01 mm / 0.02 mm	
	489 N	0.2 N	0.02 N	0.2 N	-		
CDHT 750 lb 050-0000-0057-00	750 lb	0.5 lb	0.05 lb	0.5 lb	0.001 in / 0.005 in	0.0005 in / 0.002 in	
	340 kg	0.2 kg	0.02 kg	0.2 kg	0.02 mm / 0.1 mm	0.01 mm / 0.04 mm	
	3,336 N	2 N	0.2 N	2 N	-		

Accuracy = ± Full Scale Resolution x 2

*Requires High Resolution Force Option 050-0000-0107-00

** Requires High Resolution Length Option 025-0000-0488-00



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