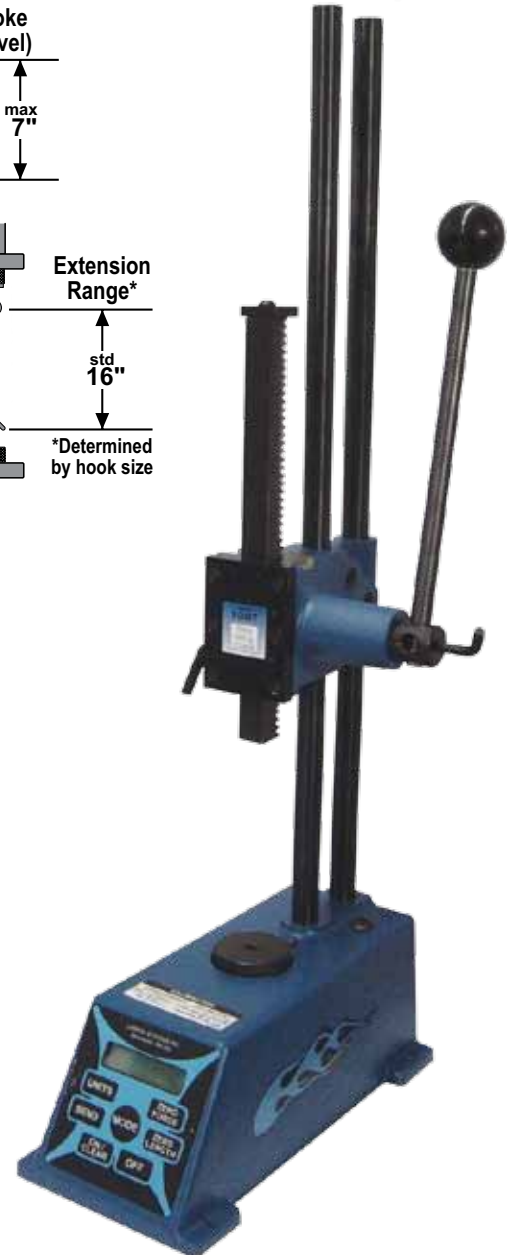
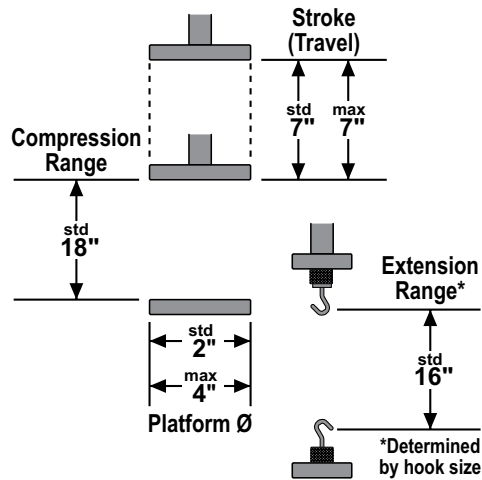


# FDHT - FORCE DIGITAL HAND TESTER

This is a tension / compression tester with **Force Measurement Only**. It is equipped with a high-resolution force measuring system to display current or peak force and can be fitted to perform a variety of force tests. Standard pull lengths of 12" can be increased to 18" with optional extended rods. It has a rugged cast-aluminum and steel frame, precision rack-and-pinion drive with adjustments for wear, and convenient hand operation to apply force and adjust length. The FDHT is best suited for specialized wire testing applications.

## Standard Features:

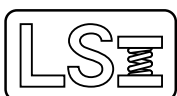
- Compression and extension testing of force
- Tracking or peak modes (2,000 samples / sec)
- Mechanical and software overload protection
- Built-in shunt calibration verification
- Digital calibration and linearization
- Backlit digital LCD display of force
- Wipe-clean embossed key faceplate
- Push button force zeroing
- Push button English or metric unit selection
- NIST traceable calibration



FDHT - Force Specifications				
Part No.	Capacity	High Force Resolution*		
		Standard Resolution 0-100% FS	0-20% FS*	20-100% FS*
050-0000-0047-01	2 lb	0.001 lb	0.0001 lb	0.001 lb
	907 g	0.2 g	0.02 g	0.2 g
	8.9 N	0.002 N	0.0002 N	0.002 N
050-0000-0047-02	11 lb	0.005 lb	0.0005 lb	0.005 lb
	5 kg	0.002 kg	0.0002 kg	0.002 kg
	49 N	0.02 N	0.002 N	0.02 N
050-0000-0047-03	22 lb	0.01 lb	0.001 lb	0.01 lb
	10 kg	0.005 kg	0.0005 kg	0.005 kg
	98 N	0.05 N	0.005 N	0.05 N
050-0000-0047-04	66 lb	0.02 lb	0.002 lb	0.02 lb
	30 kg	0.01 kg	0.001 kg	0.01 kg
	294 N	0.1 N	0.01 N	0.1 N
050-0000-0047-00	110 lb	0.05 lb	0.005 lb	0.05 lb
	50 kg	0.02 kg	0.002 kg	0.02 kg
	489 N	0.2 N	0.02 N	0.2 N
050-0000-0047-05	200 lb	0.1 lb	0.01 lb	0.1 lb
	91 kg	0.05 kg	0.005 kg	0.05 kg
	890 N	0.5 N	0.05 N	0.5 N
050-0000-0048-00	750 lb	0.5 lb	0.05 lb	0.5 lb
	340 kg	0.2 kg	0.02 kg	0.2 kg
	3,336 N	2 N	0.2 N	2 N

Accuracy = ± Resolution x 2  
\*Requires 050-0000-0107-00

FDHT - Length Specifications
NONE



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060-6000-0071-16A