

												
Manual Spring Tester Feature Comparison		FDHT	Solid Height Checker	ECT	CDHT	DHT	DHT+Plus	SDHT	FDHT 1500	DHT 1500	SDHT 2000	SDHT 2000 Wide Body
Force Measurement	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Length Measurement	N/A	☑	☑	☑	☑	☑	☑	☑	N/A	☑	☑	☑
Standard Compression Range	18"	N/A	5"	6"	12"	12"	12"	18"	18"	18"	18"	18"
Maximum Compression Range	18"	N/A	5"	6"	18"	18"	24"	72"	72"	72"	72"	72"
Standard Extension Range	16"	N/A	N/A	N/A	10"	10"	10"	16"	16"	16"	16"	16"
Maximum Extension Range	16"	N/A	N/A	N/A	16"	16"	22"	70"	70"	70"	70"	70"
Standard Stroke	7"	6"	5"	6"	6"	6"	11"	13"	13"	13"	13"	13"
Maximum Stroke	7"	12"	5"	6"	6"	6"	19"	36"	36"	36"	34.5"	34.5"
Standard Platform Diameter Ø	2"	2.375"	2"	2"	2"	2"	2" or 2.375"	3.5"	3.5"	2"	2"	2"
Maximum Platform Diameter Ø	4"	4"	4"	4"	4"	4"	4"	6"	8"	8"	16"	16"
Standard Length Resolution	N/A	0.0005"	0.005"	0.001"	0.001"	0.0005"	0.0005"	N/A	0.0005"	0.0005"	0.0005"	0.0005"
Standard Length Accuracy	N/A	± 0.002"	± 0.02"	± 0.002"	± 0.002"	± 0.001"	± 0.001"	N/A	± 0.001"	± 0.001"	± 0.001"	± 0.001"
Load Cell - 2 lbf / 907 g / 8.9 N	☑	N/A	N/A	N/A	☑	N/A	☑	☑	N/A	☑	N/A	N/A
Load Cell - 11 lbf / 5 kg / 49 N	☑	N/A	N/A	☑	☑	N/A	☑	☑	N/A	☑	☑	N/A
Load Cell - 22 lbf / 10 kg / 98 N	☑	N/A	N/A	N/A	N/A	N/A	☑	☑	N/A	☑	☑	N/A
Load Cell - 66 lbf / 30 kg / 294 N	☑	N/A	N/A	N/A	N/A	N/A	☑	☑	N/A	☑	☑	☑
Load Cell - 110 lbf / 50 kg / 489 N	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Load Cell - 200 lbf / 91 kg / 890 N	☑	N/A	☑	N/A	N/A	N/A	☑	☑	N/A	☑	☑	☑
Load Cell - 550 lbf / 249 kg / 2,447 N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	☑	☑	N/A
Load Cell - 750 lbf / 340 kg / 3,336 N	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Load Cell - 1000 lbf / 454 kg / 4,448 N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	☑	☑	N/A
Load Cell - 1500 lbf / 680 kg / 6,672 N	☑	N/A	☑	N/A	N/A	N/A	N/A	☑	☑	☑	☑	☑
Load Cell - 2000 lbf / 907 kg / 8,896 N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	☑	☑	☑
USB / RS 232 Output	Opt	☑	Opt	Opt	Opt	☑	☑	N/A	N/A	☑	☑	☑
Micro Length Adjust with Built-In Stops	N/A	N/A	N/A	N/A	N/A	☑	☑	N/A	N/A	N/A	N/A	N/A
Compression Testing	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Extension Testing	☑	N/A	N/A	N/A	☑	☑	☑	☑	☑	☑	☑	☑
Double Stop Rods	N/A	N/A	N/A	N/A	☑	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tracking or Peak Modes	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Solid Height Mode	N/A	☑	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Load Cell & Frame Deflection Compensation	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Mechanical & Software Overload Protection	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Built-in Shunt Calibration Verification	☑	N/A	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Digital Calibration & Linearization	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Backlit Digital LED Display	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Wipe-Clean Embossed Key Faceplate	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Push-Button Force / Length Zeroing	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
NIST Traceable Calibration	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Internal 8 Hour Battery for Portable Use	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
User Programmable Filter	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
Length / Force Offset	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
Customizable Print Headings	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
Statistical Summary Printout	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
Built-In 1,800 Test Point Data Logger	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
Complete Computerized Tester Diagnostics	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
20-Bit Internal Force Resolution	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	☑	☑	☑
Rigid Double Column Design	N/A	N/A	N/A	N/A	N/A	N/A	N/A	☑	☑	☑	☑	☑
Load Cell Mounting to Column or Base	N/A	N/A	N/A	N/A	N/A	N/A	N/A	☑	N/A	N/A	N/A	N/A
Built-In 0.437" Thru-Hole	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	☑	☑	☑