



	F755	F755S	F1505	F1505S
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Load capacity*:	750 lbF [3.4 kN]		1,500 lbF [6.7 kN]	
Maximum travel:	32 in [813 mm]	14.2 in [360 mm]	32 in [813 mm]	14.2 in [360 mm]
Speed range:	0.001 - 60 in/min [0.02 - 1,525 mm/min]		0.001 - 70 in/min [0.02 - 1,800 mm/min]	
Load accuracy (% of full scale)	<ul style="list-style-type: none"> ▪ Test frame + force sensor, calibrated together: $\pm 0.1\%$ ▪ Test frame alone: $\pm 0.1\%$ ▪ Force sensor alone: Series FS05: $\pm 0.1\%$ Series R06: $\pm 0.15\%$ Series R07: $\pm 0.15\%$ 			
Speed setting accuracy:	$\pm 0.2\%$			
Peak sampling rate:	20,000 Hz			
Data acquisition rate:	1,000 Hz			
Speed accuracy:	$\pm 0\%$, stepper motor driven			
Distance accuracy:	± 0.002 in [0.05 mm], at any load or position, factory-compensated			
Distance resolution:	0.0005 in [0.01 mm]			
Limit switch repeatability:	± 0.001 in [0.03 mm]			
Overload protection:	Motor stops at 120% of full scale of the force sensor			
Power:	Universal input 100-240 VAC, 50/60 Hz, 300W		Universal input 100-240 VAC, 50/60 Hz, 450W	
Fuse type:	4A, 3AG, SLO BLO			
Weight (test frame only):	184 lb [83 kg]	149 lb [68 kg]	197 lb [89 kg]	157 lb [71 kg]
Shipping weight:	235 lb [107 kg]	195 lb [88 kg]	247 lb [112 kg]	205 lb [93 kg]
Environmental conditions:	<ul style="list-style-type: none"> ▪ Indoor use only ▪ Up to 6,500 ft [2,000 m] above sea level ▪ Temperature range: 40 - 95°F [5 - 35°C] ▪ Humidity range: up to 80% relative humidity at 31°C, decreasing linearly to 50% relative humidity at 40°C, non-condensing ▪ Mains supply voltage fluctuations up to $\pm 10\%$ of the nominal voltage ▪ Transient overvoltages up to the levels of Overvoltage Category II ▪ Use in environments up to Pollution Degree 2 			
Warranty:	3 years [see individual statement for further details]			
Conformance:	CE, UKCA			