



ODYSSEY

Test Stands

Motorized and Fully Automatic

Designed to provide all the essentials and flexibility for your force testing requirements. Fully featured all-in-one design, loaded with five application modes and more than fifteen programmable parameters.



Modes & Applications

- Peak
- Advanced
- Cycle
- Manual
- Step

Wireless Connectivity

No tangled or loose cables. The TORBAL Odyssey is equipped with a built-in wireless data transmitter which allows for cable-free connection between the test stand and the force gauge. Data can also be sent wirelessly to any windows PC or laptop.



Premium Design

Purpose-built rugged design makes the ODYSSEY Test Stand ideal for the most demanding applications. A reinforced column, combined with an ultra-high-performance motor, and a heavy duty cross-head, guarantees uninterrupted performance and continuous testing. A versatile mounting plate with ample clearance and depth allows for ultimate flexibility in mounting a wide variety of samples.

Intuitive Dial Knob Control



The quick wheel knob allows to manually move the test stand cross-head with a precision of 0.001in. Using the knob to move the cross-head to a starting and end positions is precise and trouble-free. The knob, combined with intuitively arranged keys, allows to quickly and effortlessly navigate through menus, scroll through options, and input data parameters.

In the Box

- Test Stand
- Attachments
- Shaft Extension
- Antenna
- Mounting Plate
- Grip Knobs
- Connection Cable
- Power Adapter



MODEL	FTV - 100L (Vertical)	FTV - 100 (Vertical)	FTH - 100 (Horizontal)
Load Capacity	112lbf 500N		
Speed	0.4 in/min - 11.8 in/min 10mm/min - 300mm/min		
Travel Distance	19.6in 500mm	11.8in 300mm	
Distance: Force Gauge Shaft to Column	2.75in 70mm		1.77 in 45mm
Speed Accuracy	+/- 1%		
Travel Accuracy	+/- 0.008 in +/- 0.2mm		
Speed Resolution	0.1 in/min 1 mm/min		
Travel Resolution	0.001 in 0.01mm ()		
Rigidity *	0.07 in 1.8mm	0.05 in 1.4mm	0.028 in 0.7mm
Memory Profiles	50 / application		
Interface	BT Wireless, USB (B Type), RS232		
Measuring Units	in/min, mm/min		
Operating Temperature	50F - 104F 10C - 40C		
Power	100-240VAC 50/60Hz 120W / 24VDC 4A		
Dimensions	238mm x 407mm x 880mm	9.37in x 15.95in x 26.77in 238mm x 405mm x 680mm	28.27in x 9.84 x 6.50in 718mm x 250mm x 165mm
Weight	55.5lbs 25kg	50lbs 22.5kg	
Box Weight	99.5lbs 45kg	84lbs 39kg	

* Rigidity - Difference between distance from test stand mounting plate shaft to force gauge shaft under full load and no load