



Tool Dynamometer - Lathe Tool Dynamometer



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Unitech offers tool dynamometers to measure cutting forces on various machines like lathe, drill, milling machines. All three direction forces are measured simultaneously and displayed. Tool dynamometers are useful to study, analyse the optimum feed, speed and depth of cut on different materials. The dynamometers are also available in various capacities as per customer requirement.

SPECIFICATION

Model	: UIL-15
Capacity	: 500 Kg in X,Y & Z direction
Tool Size	: 20 mm square
Dynamometer Mounting hole	: 25 mm dia Hole to mount sensor on tool post.
Sensor Type	: Strain gauge based 350Ω bridge.
Connection	: 9 pin D connector with shielded cable.3 meter length.
Housing	: Metal Enclosure with chrom plating.
Display	: 3 independent for X,Y & Z force.3½ digit LED display.
Resolution	: 1 kg for all the 3 components.
Recorder o/p	: Analog output for connect any recorder.or data logger provided.
Zero Balancing	: Coarse and fine potentiometer on front panel.
Power	: 230V 50 Hz
Enclosure	: Powder coated metal box.400(L)x300(W)x100H
Accessories	: 20mm HSS tool bit- 1 No. : Necessary cable
Optional (Extra Cost)	: RS232 Interface to computer for datalogging with LCD display