



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	: UID-16
Capacity	: 500Kg Thrust load, 20 Kgm-torque.
Mounting	: Flang type to mount on the machine bed.
Sensor Type	: Straingauge based 350Ω bridge.
Job Mounting	: Slots provided on the flange plate to mount the machine vise.
Display	: 2 independent, 3½ digit LED display.
Resolution	: 1 kg for thrust, 0-1Kg-M for torque.
Zero Balancing	: Fine & corse potentiometer provided on the panel.
Recorder O / P	: Analog output (200mv max) is provided to connect xy recorder or : datalogger.
Power	: 230V 50Hz
Enclosure	: Powder coated metal box of 250L X300(D)X100H
Accessories	: Self centering vice. 4"-1No.Necessary Cables Provided.
Optional (Extra Cost)	: RS232 Interface to computer for datalogging with LCD display.