



## Tool Dynamometer - Milling Tool Dynamometer



[www.unitechscales.com](http://www.unitechscales.com)

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	: UIM 14
Capacity	: 500Kg in X,Y & Z direction.
Mounting	: 350(L) x 350(W) x 100(H)mm.
Sensor Type	: to mount on the machine bed.
Job Mounting	: Straingauge based 350 $\Omega$ bridge. : Mounting holes M10 provided to fix machine vise.
Display	: 3 independent for x,y & z force. LED display 3½ digit.
Resolution	: 1Kg for all the 3 Components.
Zero Balancing	: Analog output for connect any recorder or data logger
Recorder O / P	: provided. : Corse and fine potentiometer on front panel. : 230V 50 Hz
Power	: Powder coated metal box.400(L)x300(W)x100H
Enclosure	: Self centering vise 4"-1No.
Accessories	: Necessary cables provided.
Optional (Extra Cost)	: RS232 Interface to connect computer for datalogging with LCD display.