

## UNITECH SCALES AND MEASUREMENTS PVT. LTD.

Tool Dynamometer -Grinding Tool Dynamometer (UIG-17)



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 Type	: 350(L) x 350(W) x 100(H)mm.
5 <i>/</i> /	: to mount on the machine bed.
Sensor Type	: Straingauge based 350 $\Omega$ bridge.
Job Mountry	: 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.
Recorder 0 / P	: Analog output for connect any recorder or data logger provided.
Zero Balancing	Corse and fine potentiometer on front panel.
Power	: 230V 50 Hz
Enclosure	: Powder coated metal box.400(L)x300(W)x100H
Accessories	: Self centering vise 4"-1No.
	: Necessary cables provided.
Optional (Extra Cost)	: RS232 Interface to connect computer for datalogging with LCD display.

UNITECH SCALES AND MEASUREMENTS PVT LTD Address : - # 36, Balaji Nagar,Thigalarapalaya main road, Peenya 2nd stage, Bangalore - 560058. Karnataka. India. E-mail : - support@unitechscales.com; sales@unitechscales.com Phone no : - +91- 80-2836 6999 | Fax no : - +91-80- 2836 6745 Mobile no : - +91-98452 22919 (Mr. Prasanna Kumar N.M) Mobile no : - +91-98450 70453 (Mr. Keshava Murthy M.N)