

UNITECH SCALES AND MEASUREMENTS PVT. LTD.

Tool Dynamometer -

Lathe Tool Dynamometer



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 : 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 : Strainguage 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 : Corse 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 disply

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)