

MODEL NO.
MECHA - 3



LATHE TOOL DYNAMOMETER LATHE TOOL DYNAMOMETER

DESCRIPTION

This is a strain Gauge type lathe tool dynamometer designed to measure vertical and horizontal forces on tool while orthogonal cutting process. The unit consists of a mechanical sensing unit or tool holder and digital force indicator. With this dynamometer, students can study the change in these forces due to change in speed, feed and depth of cut.

FEATURES

- ❖ Mechanical sensing unit with tool holder and tool with strain Gauges mounted on it.
- ❖ Digital Force Indicator- two/three channel, to read both forces simultaneously
- ❖ Balancing Potentiometer for initial balancing.
- ❖ Range: 0 to 200 Kg, least count- 1 kg
- ❖ The set up is calibrated at our works with the help of standard Proving Ring.

OPTION

Two component type
Three component type

OPTION

Lathe Tool Dynamometer with data logger-cum- indicator, LCD Display, inbuilt 120kb memory, USB interface for data logging with communication software (without PC)

EDUCATIONAL SYSTEM YOU CAN BUY FROM:

ENGINEERING MODELS & EQUIPMENT

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