

TOM-023 **GRINDING TOOL DYNAMOMETER**



RANGE OF EXPERIMENTS TO BE CARRIED OUT:

1. To Study the Effect of speeds and feeds on the action of tool.
2. To Study the Effect of Mechanical properties of work material on cutting forces.
3. To observe the Values of forces exerted on machine components on jigs and fixtures, and effect of these forces on the geometrical accuracy of the work pieces.

TECHNICAL DESCRIPTION:

This is simple & easy to understand. With this unit students can evaluate cutting forces for speed & feed. The unit works with strain gauges. This set transmits the relevant data to the force indicator during Grinding operation.

DIMENSIONS AND WEIGHT :

Size :0.3 m.(L)x 0.3 m(W) X 0.3 m (H)

Weight :Approx. 5 Kg

SERVICE REQUIRED : 230 v Ac Supply 50 Hz

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual

OPTIONAL FACILITY: Data logging Facility

