

Product Name :

Grinder Tool

Product Code :

TVETTH37012

**Description :**

Grinder Tool

Technical Specification :

This is a simple set up to study the various forces resolved during grinding operation, designed by sharp techno system for demonstration purpose for the students undergoing tool design study.

A two channel digital force indicator facilitates to measure both forces simultaneously.

This unit works on octagonal ring method using strain gauge as a sensor.

Features:-

Rigid in construction & compact unit.

Assessment of cutting forces by giving due consideration to various parameters like depth of cut, material, speed and feed.

Eassy in handling & Digital force indicators to measure two forces simultaneously.

Specifications:-

Mechanical sensing unit with two octagonal rings and strain gauges.

Two channel digital force indicator with balancing potentiometers and polycarbonate front plate.

Range of force measurement in coordinate direction – 0 to 200 kg.

Over all size of mechanical unit – 300 x 300 mm.

Service Required:-

Necessary surface grinding machine.

230 volts, single phase, 50 Hz stabilized power supply.



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