

## ***MM 500 MECHANICAL ENGINEERING TEST SERIES***

This is a bench top set for studying various principles in Mechanical Engineering. It consists of a basic panel for mounting accessories for specific experiment. There are over 20 optional sets of accessories for over 60 experiments.

### **MM500-132 TENSILE TEST SET**



#### **DESCRIPTION**

This is part of MM 500 Mechanical Engineering Test Series which provides sets for various experiments on MM 500-100 Basic Panel (separately supplied) to study or demonstrate specific engineering principles. The set is supplied in plastics box.

Tensile specimen is attached to the tensile test frame where load is applied by a crew. Load is measured by a dial indicator on the spring and specimen displacement is measured by a vernier.

#### **TYPICAL EXPERIMENTS**

- Tensile test to failure to determine elastic limit, yield and ultimate strength of specimens.

#### **MAIN COMPONENTS AND PARTS**

- Tensile test frame with calibrated spring, mild steel, medium carbon steel, brass and aluminium specimens, dial indicator, vernier and plastics box.