



The Sensor Trainer Kit is a modularly designed complete training kit with all the necessary sensors, sources, electronic instrumentation, necessary jigs & displays. Experimentation is done by 2mm brass terminations & patch cords. The trainer is housed in an elegant & sturdy plastic cabinet and consists of mimicked dedicated circuits / blocks with necessary test points. The various sensors covered are;

**Specification:**

- **Thermal / Temperature Sensors with heater** : RTD PT100
- **Temperature Sensor** : Thermocouple, LM35, Thermistor
- **Pressure Sensor** : Pressure Measurement by Pressure Sensor
- **Speed Sensor** : Speed Measurement by Hall Sensor  
Speed Measurement by Proximity Switch Sensor
- **Displacement (Linear / Angular)** : Linear – LVDT mounted on Base with Centre Zero Micrometer  
Linear – Displacement measurement by Photo Voltaic Cell  
Linear – Displacement measurement by Cds Cell  
Angle Measurement by Capacitive Transducer
- **Special Purpose Sensor** : Gas Sensor MQ2  
Humidity Sensor
- **Sound Sensor/ Fiber Optic Communication** : Speaker and Microphone as Sound Transducer  
by Fiber Optic Communication
- **Digital Meters** : Digital Meters are provided on Board For Temperature, Distance and Speed Measurement)
- **Electrical Kettle** : Electrical Kettle is provided with Thermometer
- **Weight Box** : Weight Box with different Weights will be provided for Weight Measurement.
- **Power On** : Power ON switch with indicator for mains on indication And fuse for protection
- **Power Requirement** : 230V +/- 10% 1phase AC
- **SIZE & WEIGHT (approx):** 255 mm (L) x 330 mm (W) x100mm (H), 1.5 Kg.
- **Accessories** : Set of 12 stackable patch cords & Instruction Manual

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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