



Application/Test facility:

- A versatile standalone trainer for measuring speed using a magnetic pickup transducer, featuring complete instrumentation - pulse generator, counter, decoder, driver, and seven-segment display - with the motor and magnetic pickup housed separately.

Product Features:

- Motor Unit:
 - o Motor: Specially designed bi-directional permanent magnet armature-controlled DC motor
 - o Power: 6 Watts.
 - o Speed: 3000 RPM max.
 - o Voltage: 12V DC.
 - o Torque: 0.3 kg. cm.
 - o Mounting: Motor mounted with wheel and magnetic pick up transducer.
 - o Connector: Special connector with wires to connect motor unit to measuring unit.
- Main Measuring Unit:
 - o Parameter Measured: Speed in RPM.
 - o Speed Control: Built - in solid - state speed controller voltage based.
 - o System Range: 5000 RPM Max.
 - o Instrumentation: Pulse generator, counter, decoder, driver.
 - o Readout: 4-digit digital readout 0.5" Red.
 - o Controls:
 - Speed control.
 - Mains ON / OFF.
 - o Connector: Facility for connecting the motor unit.

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



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o Test Points: Multicolored test points are provided at various stages in the circuit to observe waveforms and voltages.

Accessories/Spares:

- Motor Unit with Magnetic Pickup Sensor and Coupling Disc
- Connecting Cables, Power Adapter, and Seven-Segment Display Module

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