



Application/Test facility:

- Standalone inductive transducer speed measurement trainer with RPM display, motor speed control, and separate motor unit, housed in a powder-coated cabinet with acrylic front panel.

Product Features:

- Motor Unit:
 - o Motor: Specially designed bi-directional, permanent magnet armature controlled DC motor.
 - o Power: 6W or equivalent
 - o Speed: 3500 R.P.M Max.
 - o Voltage: 12V DC.
 - o Torque: 0.3 Kg. cm²
 - o Mounting: Motor mounted with wheel and Inductive transducer.
 - o Connector: Special connector with wires to connect motor unit to measuring unit.
- Main Measuring Unit:
 - o Parameter Measured: Speed in R.P.M.
 - 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.
 - o Test Points: Multicolored test points are provided at various stages in the circuit to

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



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

observe waveforms and voltages.

- o Indicator: Mains ON/OFF.
- o Power Requirements: 230V, $\pm 10\%$ AC, 50Hz 1 phase.
- o Panel Size: 10" x 13".

Accessories/Spares:

- Motor Unit with Inductive Pickup Transducer and Target Wheel/Disc
- Connecting Cables, Power Adapter, and Seven-Segment Display Module

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