

## SAP E&C STUDY OF SPEED MEASUREMENT USING TACHOMETER (SAP-49)



The Setup for speed measurement gives an idea regarding the application of Tachometer to measure speed in industrial environment.



### System Specifications:

- ❖ Speed sensor:- Inductive proximity/photoelectric pick-up, 2wire, 24 V DC.
- ❖ Speed indicator(RPM):- Supply voltage-230 VAC,  
Input from- inductive proximity or photoelectric pick-up  
Mounting- flush on panel front  
Display – 7 segment Red LED to measure speed of shaft of motor
- ❖ AC/DC motor:- Supply voltage:12 V/230 VAC FHP  
Speed: 1000 RPM – 1500 RPM  
Torque: ½ Kg

### Features:

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ Enhanced Electrical Safety Considerations
- ❖ Training Manuals for Operation Ease.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Test points provided on front panel to measure pulses.

**Services Required:** Single Phase 230 VAC 50 HZ Supply

**System Dimensions:** 1Ft. (L) X 1Ft. (W) X 1 Ft. (H)

### Range Of Experiments:

- ❖ Speed measurement by using Tachometer.

**Note:** All descriptive matter and illustrations are intended to give only a general idea of the equipment.  
Detailed specifications may be altered at the company's discretion without any notice.

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