

**STROBOSCOPE**  
OMEGA TYPE ICT-906



**OMEGA TYPE ICT-906** unit has been designed for good quality, convenient-to-use, direct read out of speed. A highly stable function generator IC based circuit provides the basic variable frequency timing pulses. These are read on an  $\mu\text{C}$  based 4-digit speed display in R.P.M. The flasher unit generates the high intensity flashes at a suitably scaled rate directed towards the rotating shaft. A 10 turn potentiometer makes the task of R.P.M setting very precise. Operating instructions are included in the Instruction manual accompanying the unit. Unit also provided with a motor unit with variable speed.

**TECHNICAL SPECIFICATION**

- 01 Power Supply : 230V  $\pm$  10%, 50Hz
- 02 Interconnections
- 03 Power Consumption : 15 VA (approximately)
- 04 Operating Conditions : 0-40 °C, 85% RH
- 05 Built-in DC Power Supply
- 06 Built in speed control for motor unit.
- 07 Exhaustive Learning Material
- 08 On board signal conditioning circuitry
- 09 A motor unit is provided with slotted disc with speed controller on board for study at different speed
- 10 Weight : 2Kg (approximately)
- 11 Dimension : W 340 x H 125 x D210

**OBJECT**

- 01 To Measure Speed of Rotating Shaft

**FEATURES**

- 01 Speed Range 300 - 9900 R.P.M.,
- 02 Normal Flash Energy for high FPS shot 0.02 joules/sec
- 03 Average power input max of the lamp 3 watt
- 04 Average Flash life of the LED 1 X 10<sup>6</sup>Hrs.
- 05 Reading accuracy better than + 0.02% + 1 digit
- 06 Viewing distance 0.1 - 0.5 Meter depending on ambient light
- 07 Operation Continuous

**LIST OF ACCESSORIES**

- 01 Flash LED torch Along with 2 meter lead with 4mm Jackpin. ....01
- 02 Motor Assembly.....01

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.