

# DIGITAL STROBOSCOPE



Compact design, based on principal of stroboscope. If extremely short duration pulses of bright light are focused on any rotating, oscillating or vibrating object, it appears to be stationary when the repetition rate of flashlight matches with that of the object. This principal is used in Stroboscope for RPM measurement or freeze motion studies having wide application range in all type of industries. Typical application in Textile industry is rpm measurement of rotating spindles/chuck/shafts of winders, godgets, rolls, etc. Other applications involves rotating machinery-motors, turbines, centrifuges, automobile parts & freeze motion studies such as diesel engine nozzle spray checks, online print checks of rotogravure machines, vibration, cavitation investigation, timing adjustment on petrol engines, spark plug testing, etc.

## DIGI-STROB

### Features

- ▶ Battery / Mains operation
- ▶ Flash Range: 150 to 20,000 / 30,000 flashes/min, settable with Coarse & Fine Potentiometer.
- ▶ Range Division: 150-5,000 & 5,000-20,000 or 150-10,000 & 10,000-30,000 flashes / min.
- ▶ Display: 5 Digit, LED      ▶ Resolution: 1 RPM      ▶ Accuracy:  $\pm 10$  RPM
- ▶ Flash Tube: Hard Glass Xenon Long Life      ▶ Size: 160 x 90 x 65 mm approx.      ▶ Wt: 1.5 Kgs approx.
- ▶ Power Supply: 12 V DC from Battery Power Pack or Mains Adaptor (230 V AC, 50 Hz, Single Phase )
- ▶ Only Mains Operated Models for 150 - 18,000 / 20,000 / 30,000 RPM also available

## Accessories

### Battery Power-Pack

Output Voltage: 12 V DC from  
4 AH Batteries

Size - 140 x 105 x 65 mm  
approx. Weight - 2.5  
Kgs approx.



### Battery Charger cum AC Adapter

Input Supply - 230 V AC, 50 Hz,  
Single Phase

Output Voltage:

- ▶ 14.5 V DC, 1 Amp for Charging  
the Battery Power Pack
- ▶ 12 V DC for use as AC Adapter  
for Stroboscope operation



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W – 156, S – Block, M.I.D.C., Bhosari, Pune – 411026, INDIA.

Tel : +91-20-27120344, 27123186

Telefax : +91-20-27123187

Email : [info@aksonsengineering.com](mailto:info@aksonsengineering.com) / [aksonsengg@gmail.com](mailto:aksonsengg@gmail.com)

Web : [www.aksonsengineering.com](http://www.aksonsengineering.com)