



## Features

- **Multi-function:** Combines both Non-contact and Contact tachometers (RPM)
- **Wide Measurement range** from 15 RPM to 75,000 RPM.
- Last RPM is automatically **frozen in memory** when 'measure' button is released.
- High brightness LED display with **leading zero blanking** gives the exact RPM.
- Battery **consumption very low**. In non-measure mode with measure button released, battery used is still lower.
- Modern micro-controller based circuitry with Quartz Crystal time base to give **high accuracy** and fast measurement.
- High intensity red LED gives a low current consumption beam. Unlike a filament bulb, LED has almost **infinite life**.
- The use of a durable, strong ABS plastic housing assures **maintenance free** performance for many years. This housing fits comfortably in the palm of the user.

## Specifications

- **Display :** 4.5 Digit LED with leading zero blanking
  - **Measurement :**
    - a) **Photo-Tachometer**
      - Range : 15 RPM to 75,000 RPM (Resolution 10 RPM over 9,999 RPM)
      - Distance : 3 to 5 inches using a photo- reflective sticker.
      - Light : RED visible LED light (no filament bulb used)
    - b) **Contact Tachometer**
      - Range : 15 RPM to 25,000 RPM  
(Resolution 10 RPM over 19999 RPM). Upper speed is limited rubber roller slippage
    - c) **Surface Speed**
      - Range : 1.5 to 2,500 m/min
- For all operations, (Contact/Non Contact) an LED indicates when the RPM exceeds 19,999 & effectively a 'x10' comes into operation.
- **Power Supply :** 4 Std Pencil Cells
  - **Accuracy :** 1 RPM  $\pm$  1 LSB for RPM < 19,999, 10 RPM  $\pm$  1 LSB for RPM > 20,000
  - **Calibration :** Using Quartz Crystal
  - **Sampling Time:** 1 sec. over 60 RPM
  - **Size :** 160 x 60 x 45mm
  - **Weight :** Approx. 300 gms
  - **Memory :** Automatic when 'measure' button is released; last reading stored.
  - **Accessories :** Carrying case - 1 pc  
RPM Cone adapter-2 pc  
Conical adapter-1 pc  
Surface RPM wheel (10cm circumference) -1 pc  
Reflecting Tape - 1m