



Product Features

- Micro-controller based design with world class Indian software.
- Non-contact sensing through reflected light beam on reflective sticker.
- LCD display
- Input sensing indication through LED.
- Memory facility to retain measured value.
- Portable, lightweight, strong and elegant ABS enclosure.
- Accuracy: 1RPM up to 5,000 RPM and 0.05% of the reading above 5,000 RPM.
- Resolution: 0.1RPM up to 5,999 RPM and 1RPM at and above 6,000RPM.
- Calibration certificate provided along with tachometer - traceable to national and international standards.

Specifications

Model	DT-2001B
Function	RPM counter
Rated supply voltage	6V DC (battery 4 x 1.5V, AA size heavy duty type)
Power consumption	1.5W approx. (when bulb is On)
Resolution	0.1 RPM up to 5999 RPM and 1RPM over 6000RPM
Range	1RPM to 99999 RPM (with one reflecting mark)
Range selection	Automatic
Display	5 digit LCD (0.4" height)
Accuracy	±1RPM from 1RPM to 5000RPM (from 25°C to 35°C), ±0.05% RPM over 5000RPM (from 25°C to 35°C)
Detecting distance	50 to 150mm / 2 to 6inches (up to 300mm / 12 inches depending on ambient light)
Ambient temperature	Operation: 0°C to +50°C
Dimension (over-all)	72 x 170 x 38mm (W x H x D)
Accessories	Carrying case, Reflecting tape, Operating manual

Accessories

- Carrying case.
- Reflective tape
- Operating manual.

Hints On Correct Use

- The reflective beam should be focused within the specified distance for accurate readings.
- For low RPM readings use more number of stickers at equidistance for better accuracy.

Caution

- NOTE : User should not apply external voltage to the terminals that are designated as potential free(Zero/No Volt).