

## DT-SERIES

### Digital Non-Contact Tachometer

## Features

- Microcontroller based design with world class Indian software.
- Non-Contact sensing through reflected light beam on reflective sticker.
- Input sensing indication through LED.
- Memory facility to retain measured value. portable, light weight, strong and elegant enclosure.
- Accuracy:  $\pm 1$  RPM till 5000RPM and above 5000RPM it will be  $\pm 0.05\%$  of the read
- Resolution: 0.1RPM till 5999RPM and 1RPM from 6000RPM onwards.
- Calibration certificate provided along with tachometer.



## Ordering Information

Model	Function	Source Voltage	Range
DT-2001B	Digital Hand Held Non Contact Tachometer	6V DC (4 x 1.5V, AA size battery)	1 to 99,999 RPM (with one reflecting mark)

## Over-all Dimension

Model	Dimension Details in mm		
	W	H	D
DT-2001B	72	170	38

## ■ 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)
Display	5 Digit LCD (0.4" height)
Detecting distance	50 to 150mm / 2 to 6 inches (up to 300mm / 12 inches depending upon ambient light).
Range	1 to 99,999 RPM (with one reflecting mark)
Range Selection	Automatic
Accuracy	$\pm 1$ RPM from 1 to 5,000 RPM (from 25°C to 35°C) $\pm 0.05\%$ RPM over 5,000 RPM (from 25°C to 35°C)
Resolution	0.1RPM upto 5,999 RPM and 1RPM over 6,000 RPM.
Ambient temperature	Operation : 0°C to +50° C
Dimensions	72 x 170 x 38.0mm (W x H x D)
Accessories	Carrying case, Reflecting tape, Operating manual