



7200 RPM

DT-3034HL



Low Voltage

CE



DIGITAL TACHOMETER

# Laser, PHOTO TACHOMETER

**Model : DT-2234BL**

## 1. FEATURES

* Laser light detecting source, long measuring range up to 2 meters, it is useful in the RPM measurement application where the machine would be a risk to the operator or close access is difficult or not possible.
* Wide measuring range from 10 to 100,000 RPM, 0.1 RPM resolution for the measured value < 1000 RPM.
* Microprocessor based circuit, crystal time base, high precision with 0.05% accuracy.
* High visible LCD display gives RPM reading exactly with no guessing or errors & saves battery energy.
* Memory with recall function, the last value, max., value, min. value will be stored into the memory automatically.
* The use of durable, long lasting components, including a strong, light weight ABS plastic housing, assures almost maintenance free performance for many years.

## 2. SPECIFICATIONS

Display	5 digits, 10 mm ( 0.4" ) LCD , with function annunciation.	
Measurement & Range	10 to 99,999 RPM.	
Resolution	0.1 RPM ( <1,000 RPM ). 1 RPM ( $\geq$ 1,000 RPM ).	
Accuracy	$\pm$ ( 0.05% + 1 digit ).	
Detecting distance	50 - 2,000 mm typically. * <i>Spec. of detecting distance are that under the size of reflecting tape is 10 mm square &amp; the measuring RPM value is 1,800 PPM. The max. detecting distance may change under different environment, different reflecting tape or the measuring RPM beyond 1800 PPM.</i>	
Laser light source	* Less than 1 mW. * Class 2 laser diode. Red. Wave length is 645 nm approximately.	
Time base	Quartz crystal, 4.194 MHz.	
Circuit	Exclusive one-chip of microcomputer LSI circuit.	
Operating Temp.	0 - 50 °C ( 32 - 122 °F ).	
Operating Humidity	Less than 80% R.H.	
Memory	Last / Max. / Min. ... value.	
Battery	4 x 1.5V AA ( UM-3 ) battery.	
Power Consumption	Approx. DC 20 mA.	
Size	190 x 72 x 37 mm ( 7.5 x 2.8 x 1.5 inch )	
Weight	250g ( 0.55 lb )/including battery.	
Accessories Included	Carrying case.....	1 PC
	Reflecting tape marks ( 600 mm ).....	1 PC
	Operation manual.....	1 PC