

# LASER PHOTO TACHOMETER

Model : DT-2234BL

ISO-9001, CE, IEC1010



**Lutron**



**LUTRON ELECTRONIC**

***The Art of Measurement***

# Laser Photo TACHOMETER

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<b>FEATURES</b>	
*	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.

<b>SPECIFICATIONS</b>	
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 ( 1,000 RPM ).
Accuracy	± ( 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 PRM.</i>
Laser light source	* Less than 1 mW. * Class 2 laser red diode. 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

\* Appearance and specifications listed in this brochure are subject to change without notice. 0601-DT2234BL