

# LASER PHOTO/CONTACT TACHOMETER

Model : DT-1236L

ISO-9001, CE, IEC1010



**Lutron**



**LUTRON ELECTRONIC**

**The Art of Measurement**

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# LASER PHOTO/CONTACT TACHOMETER

## Model : DT-1236L

### FEATURES

* World's patent, Multi-functions, one instrument combine Photo Tach.( RPM ) & Contact Tach. ( RPM, m/min., ft/min. ).	* High visible LCD display gives RPM reading exactly with no guessing or errors & saves battery energy.
* Laser light source, long detecting distance.	* This tachometer used the exclusive one chip MICRO-COMPUTER LSI circuit & crystal time base, offer the high accurate measurement & fast sampling time.
* Wide measuring range from 0.5 to 100,000 RPM.	
* 0.1 RPM resolution for the measured value < 1000 RPM.	* The use of durable, long lasting components, including a strong, light weight ABS plastic housing, assures almost maintenance free performance for many years.
* High precision with 0.05% accuracy.	
* The last value, max., value, min. value will be stored into the memory automatically & can be obtained by pressing Memory Call Button.	* The housing cabinet has been carefully shaped to fit comfortable in either hand.

### SPECIFICATIONS

Measurement & Range	<i>Photo Tachometer :</i> 10 to 99,999 RPM.	Circuit	Exclusive one-chip of microcomputer LSI circuit.
	<i>Contact Tachometer :</i> 0.5 to 19,999 RPM.	Operating Temperature	0 - 50 °C ( 32 - 122 °F ).
	<i>Surface Speed :</i> m/min. - 0.05 to 1,999.9 m/min. ft/min. - 0.2 to 6,560 ft/min.	Operating Humidity	Less than 80% R.H.
Resolution	<i>RPM:</i> 0.1 RPM ( < 1,000 RPM ). 1 RPM ( 1,000 RPM ).	Memory	Last/Max./Min. value.
	<i>m/min.:</i> 0.01m/min. ( < 100 m/min. ). 0.1m/min. ( 100 m/min. ).	Battery	4 x 1.5V AA ( UM-3 ) batteries.
	<i>ft/min.:</i> 0.1 ft/min. ( < 1,000 ft/min. ). 1 ft/min. ( 1,000 ft/min. ).	Power Consumption	<i>Photo type :</i> Approx. DC 21 mA. <i>Contact type :</i> Approx. DC 7 mA.
		Size	215 x 67 x 38 mm. ( 8.5 x 2.6 x 1.5 inch ).
Display	5 digits, 10 mm ( 0.4" ) LCD.	Weight	280g ( 0.61 LB ) * including batteries.
Accuracy	± ( 0.05% + 1 digit ), RPM only.	Accessories Included	Carrying case..... 1 PC. Reflecting tape marks ( 600 mm )..... 1 PC. RPM adapter ( CONE ) ..... 1 PC. RPM adapter ( FUNEL ) ..... 1 PC. Surface speed test wheel ..... 1 PC. Operation manual..... 1 PC.
Detecting distance	5 cm to 200 cm typically. * <i>The specification detecting distance ( max. 200 cm ) are tested under the 1800 RPM &amp; the size of the reflecting tape is 1 cm x 1 cm.</i>		
Light Source	1 mW class 2 laser diode.		
Time base	Quartz crystal.		

Patent	<i>The DT-1236L had following countries patent &amp; patent pending :</i> USA - 4,823,080 GERMANY - G9015492.4, G8708922.0 TAIWAN - 45478 & other countries patent pending.
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