

LASER PHOTO/CONTACT TACHOMETER

Model : DT-1236L

ISO-9001, CE, IEC1010

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The Art of Measurement

LASER PHOTO/CONTACT TACHOMETER

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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 & 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 & patent pending :</i> USA - 4,823,080 GERMANY - G9015492.4, G8708922.0 TAIWAN - 45478 & other countries patent pending.
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