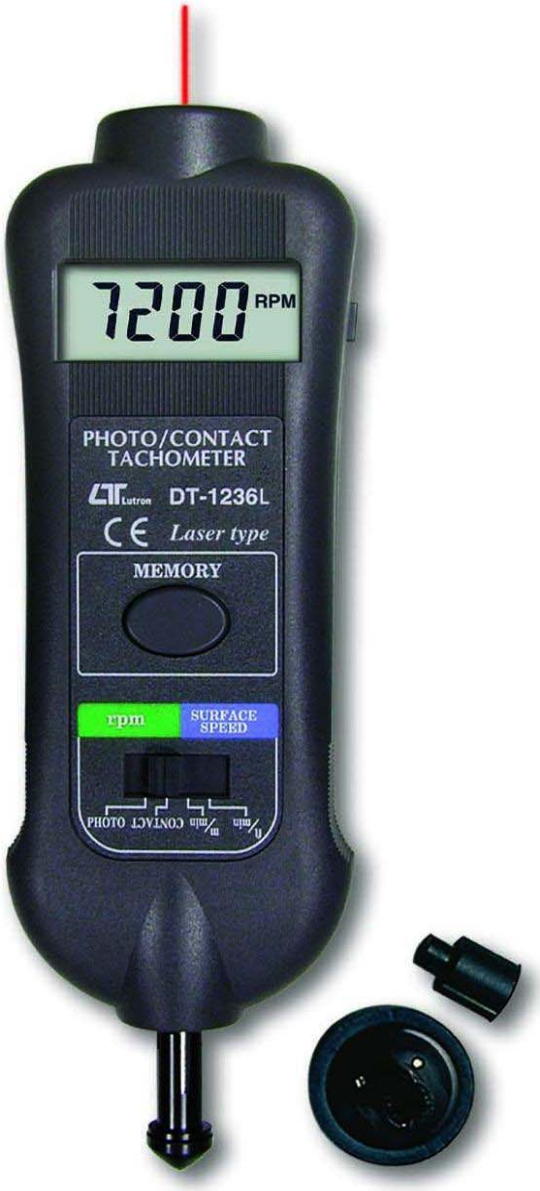
LASER PHOTO/CONTACT TACHOMETER

Model : DT-1236L

ISO-9001, CE, IEC1010



Lutron

ISO 9001 SGS

UKAS QUALITY MANAGEMENT 005

The Art of Measurement

LUTRON ELECTRONIC

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.).
* Laser light source, long detecting distance.
* Wide measuring range from 0.5 to 100,000 RPM.
* 0.1 RPM resolution for the measured value < 1000 RPM.
* High precison 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.
* High visible LCD display gives RPM reading exactly with no guessing or errors & saves battery energy.
* This tachometer used the exclusive one chip MICRO-COMPUTER LSI circuit & crystal time base, offer the high accurate measurement & fast sampling time.
* The use of durable, long lasting components, including a strong, light weight ABS plastic housing, assures almost maintenance free performance for many years.
* The housing cabinet has been carefully shaped to fit comfortable in either hand.

SPECIFICATIONS

Measurement & Range	*Photo Tachometer :* 10 to 99,999 RPM.	Circuit	Exclusive one-chip of microcomputer LSI circuit.
	Contact Tachometer : 0.5 to 19,999 RPM.	Operating Temperature	0 - 50 ℃ (32 - 122 ℉).
	Surface Speed : 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.
		Memory	Last/Max./Min. value.
Resolution	*RPM:* 0.1 RPM (< 1,000 RPM). 1 RPM (1,000 RPM).	Battery	4 x 1.5V AA (UM-3) batteries.
		Power Consumption	*Photo type :* Approx. DC 21 mA.
	m/min.: 0.01m/min. (< 100 m/min.). 0.1m/min. (100 m/min.).		*Contact type :* Approx. DC 7 mA.
		Size	215 x 67 x 38 mm. (8.5 x 2.6 x 1.5 inch).
	ft/min.: 0.1 ft/min. (< 1,000 ft/mn.). 1 ft/min. (1,000 ft/mn.).	Weight	280g (0.61 LB) * including batteries.
Display	5 digits, 10 mm (0.4") LCD.	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.
Accuracy	± (0.05% + 1 digit), RPM only.		
Detecting distance	5 cm to 200 cm typically. ** 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.*		
Light Source	1 mW class 2 laser diode.		
Time base	Quartz crystal.		

Patent	*The DT-1236L had following countries patent & patent pending :* USA - 4,823,080 GERMANY - G9015492.4, G8708922.0 TAIWAN - 45478 & other countries patent pending.

* Appearance and specifications listed in this brochure are subject to change without notice. 0408-DT1236L

TECPEL CO., LTD. Tel: 886-2-2218-3111 email: sales@tecpel.com.tw; sales@oka.com.tw https://tecpel.com.tw