

LASER PHOTO/CONTACT TACHOMETER

Model : DT-1236L

ISO-9001, CE, IEC1010



Lutron



LUTRON ELECTRONIC

The Art of Measurement

LASER PHOTO/CONTACT TACHOMETER

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FEATURES

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| * 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

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| 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. |
| 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> | | (600 mm)..... 1 PC. |
| Light Source | 1 mW class 2 laser diode. | | RPM adapter (CONE) 1 PC. |
| Time base | Quartz crystal. | | RPM adapter (FUNEL) 1 PC. |
| | | | Surface speed test wheel 1 PC. |
| | | | Operation manual..... 1 PC. |

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| 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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* Appearance and specifications listed in this brochure are subject to change without notice.