LASER PHOTO/CONTACT TACHOMETER

Model : DT-1236L

ISO-9001, CE, IEC1010







LUTRON ELECTRONIC

The Art of Measurement

LASER PHOTO/CONTACT TACHOMETER Model : DT-1236L

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

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

| | The DT-1236L had following countries patent & patent pending : | |
|--------|----------------------------------------------------------------|--|
| Patent | 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.