

+ Type K Temp., Pt 1000 ohm Temp.

TACHOMETER/ STROBOSCOPE

Model : DT-2336

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

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TACHOMETER/STROBOSCOPE

Model : DT-2336

FEATURES

* Multi-functions, one instrument combine Photo Tachometer (RPM), Contact Tachometer (RPM, m/min., ft/min.), Stroboscope, Type K Thermometer, Pt 1000 Thermometer,
* High intensity white light beam for photo tachometer, safety and save the power energy.
* Wide measuring range from 0.5 to 100,000 RPM.
* 0.1 RPM resolution for the measured value < 1000 RPM.
* 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 REC CALL BUTTON.
* Large LCD display
* 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.

GENERAL SPECIFICATIONS

Display	45 mm x 24 mm LCD, 5 digits with display unit.
Measurement	Photo Tachometer (RPM) Contact Tachometer (RPM, m/min., ft/min.). Stroboscope Type K Thermometer Pt 1000 Thermometer,
Time base	Quartz crystal.
Circuit	Exclusive one-chip of microcomputer LSI circuit.
Memory	Last/Max./Min. value.
Operating Humidity	Max. 80% RH.
Operating Temperature	0 to 50 °C (32 to 122 °F)
Over Input Indication	Indication of "- - - -".
Power Supply	UM3-AA X 4 (DC 6 V battery).
Power Consumption	Approx. DC 5 mA
Weight	160g (The weight is includd the battery)
Dimension	HWD 207 x 67 x 39 mm (81.5 x 26.3 x 15.3 inch).
Accessories Included	Hard carrying case 1 PC. Reflecting tape marks (600 mm).....1 PC. RPM adapter (CONE).....1 PC. RPM adapter (FUNNEL)..... 1 PC. Surface speed test wheel.....1 PC. Operation manual..... 1 PC.
Optional Accessories	* Type K Temp. probe : TP-01, TP-02A, TP-03, TP-04, TP-05.

ELECTRICAL SPECIFICATION (23 ± 5°C)

Photo Tachometer

Measurement and Range	Photo Tachometer : 5 to 99,999 RPM.
Resolution	RPM: 0.1 RPM (< 1,000 RPM). 1 RPM (≥ 1,000 RPM).
Accuracy	± (0.05% + 1 digit).
Photo Tachometer detecting distance	50 to 150 mm/2 to 6 inch. (typical max. 300 mm/12 inch, depending upon ambient light). * Spec. of detecting distance are that under the size of reflecting tape is 10 mm square & the measuring RPM value is 1,800 RPM. The max. & min. detecting distance may change under different environment, different reflecting tape or the measuring RPM beyond 1800 RPM.

Contact Tachometer

Measurement and Range	Contact Tachometer : 0.5 to 19,999 RPM.
Resolution	m/min.: 0.01 m/min. (< 100 m/min.). 0.1 m/min. (≥ 100 m/min.). ft/min.: 0.1 ft/min. (< 1,000 ft/mn.). 1 ft/min. (≥ 1,000 ft/mn.). in./min. : 0.1 in./min. (< 1000 in./min.). 1 in//min. (≥ 1,000 in./min.).
Accuracy	± (0.05% + 1 digit).

Stroboscope Tachometer

Flash adjust range	60 to 30,000 RPM/FPM. * RPM : round per minute. * FPM : flash per minute.
Resolution	0.1 RPM : < 1,000 RPM. 1 RPM : ≥ 1,000 RPM
Function buttons	x 2 button, ÷ 2 button, + button, - button,
Accuracy	± (0.05 % + 1d)

Type K/J thermometer

Sensor Type	Resolution	Range	Accuracy
Type K	0.1 °C	-50.0 to 1300.0 °C	± (0.4 % + 0.5 °C)
		-50.1 to -100.0 °C	± (0.4 % + 1 °C)
	0.1 °F	-58.0 to 2372.0 °F	± (0.4 % + 1 °F)
		-58.1 to -148.0 °F	± (0.4 % + 1.8 °F)

Pt 1000 Ω thermometer (should add optional IR ADAPTER , IR-36)

Unit	Range	Resolution	Accuracy
°C	-10 to 70 °C	0.1 °C	± 1.2 °C
°F	14 to 158 °F	0.1 °F	± 2.5 °F

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

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