

with RS232 & Trigger Output

DIGITAL PHOTO/CONTACT TACHOMETER

Model : DT-2258



FEATURES	
* World's patent, Multi-functions, one instrument combine Photo/Contact Tachometer. PHOTO: RPM, Hz, Count. CONTACT: RPM, Hz, Count, m/min, cm/min, feet/min, inch/min.	* RS232 computer interface.
* Wide measuring range from 0.5 to 100,000 RPM	* With trigger output function for synchronized inspection and test.
* 0.1 RPM resolution for the measured value < 1000 RPM.	* This tachometer used the exclusive one chip Micro-Computer LSI circuit & crystal time base, offer the high accurate measurement & fast sampling time.
* High precision with 0.05% accuracy for RPM.	* Special designed housing case suitable for one hand operation.
* The Max., Min., Average value will be stored into the memory automatically & can be obtained by Memory button.	* Using durable components including a strong, lightweight ABS plastic housing case.
* Backlight function enable user to read measured value easily.	* Powered by manual or can be lock for long lasting measurement.
	* Powered by batteries.

SPECIFICATIONS			
Measurement & Range	Photo Tachometer : RPM - 5 to 99,999 RPM. Hz - 0.0833 to 1666.6 Hz Count - 99999 Counts	Display	5 digits, 10 mm (0.4") LCD.
	Contact Tachometer : RPM - 0.5 to 19,999 RPM. Hz - 0.0083 to 333.31 Count - 99999 Counts	Accuracy	± (0.05% + 1 digit) for RPM.
	Surface Speed : m/min. - 0.05 to 1,999.9 m/min. ft/min. - 0.2 to 6,560 ft/min. cm/min. - 5 to 199990 cm/min. inch/min. - 2.4 to 78720 inch/min.	Time base	Quartz crystal.
		Circuit	Exclusive one-chip of microcomputer LSI circuit.
Resolution	RPM: 0.1 RPM (< 1,000 RPM). 1 RPM (≥ 1,000 RPM).	Operating Temperature	0 °C - 50 °C (32 °F - 122 °F).
	Hz (PHOTO) 0.0001 Hz (< 10 Hz). 0.01 Hz (<1000 Hz and ≥ 10 Hz). 0.1 Hz (≥ 1000 Hz).	Operating Humidity	Less than 80% R.H.
	Hz (CONTACT) 0.0001 Hz (< 10 Hz). 0.01 Hz (≥ 10 Hz).	Memory	Max./Min./Average value. (Average value is sampled from the last 5 records.)
	m/min.: 0.01 m/min. (< 100 m/min.). 0.1 m/min. (≥ 100 m/min.).	Battery	4 x 1.5V AA (UM-3) batteries.
	ft/min.: 0.1 ft/min. (< 1,000 ft/min.). 1 ft/min. (≥ 1,000 ft/min.).	Power Consumption	<i>Photo type :</i> Approx. DC 143 mA. <i>Contact type :</i> Approx. DC 16 mA.
	cm/min.: 1 cm/min. (< 99999 cm/min.) 10 cm/min. (≥ 100000 cm/min.)	Size	230 x 70 x 36 mm. (9.06 x 2.76 x 1.42 inch).
	inch/min. 1 inch/min. full range	Weight	346 g (0.76 LB) * including batteries.
		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.
		Optional Accessories	RS232 cable..... UPCE-02 SOFTWARE..... SW-U101-WIN

Other Tachometer Family	* Digital Contact Tachometer, DT-2234A, DT-2235B. * Digital Contact Tachometer, DT-2235A, DT-2234B. * Digital Stroboscope, DT-2239A, DT-2249. * Digital Tachometer/Stroboscope, Model : DT-2259. * Gasoline Engine Tachometer, Model : DT-2237. * Panel Tachometer, DT-2240D.
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Patent	The DT-2258 had following countries patent & patent pending : 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 0109-DT2238