

# PHOTO TACHOMETER CONTACT TACHOMETER

Model : DT-2244, DT-2245

ISO-9001, CE, IEC1010



DT-2244

DT-2245



LUTRON ELECTRONIC



*The Art of Measurement*

# DIGITAL TACHOMETER

Model : DT-2244, DT-2245, DT-2238

Item	Photo/Contact Tachometer	Photo Tachometer	Contact Tachometer
Model	DT-2238	DT-2244	DT-2245
Measurement & Range	<i>Photo Tachometer :</i> 5 to 99,999 RPM.	5 to 99,999 RPM.	<i>Contact Tachometer :</i> 0.5 to 19,999 RPM.
	<i>Contact Tachometer :</i> 0.5 to 19,999 RPM.		<i>Surface Speed :</i> m/min. - 0.05 to 1,999.9 m/min. ft/min. - 0.2 to 6,560 ft/min.
	<i>Surface Speed :</i> m/min. - 0.05 to 1,999.9 m/min. ft/min. - 0.2 to 6,560 ft/min.		ft/min. - 0.05 to 1,999.9 m/min. 0.2 to 6,560 ft/min. inch/min. - 2 to 78,740 inch/min.
Resolution	<i>RPM:</i> 0.1 RPM ( < 1,000 RPM ). 1 RPM ( 1,000 RPM ).	<i>RPM:</i> 0.1 RPM ( < 1,000 RPM ). 1 RPM ( 1,000 RPM ).	<i>RPM:</i> 0.1 RPM ( < 1,000 RPM ). 1 RPM ( 1,000 RPM ).
	<i>m/min.:</i> 0.01m/min. ( < 100 m/min. ). 0.1m/min. ( 100 m/min. ).		<i>m/min.:</i> 0.01m/min. ( < 100 m/min. ) 0.1m/min. ( 100 m/min. )
	<i>ft/min.:</i> 0.1 ft/min. ( < 1,000 ft/mn. ). 1 ft/min. ( 1,000 ft/mn. ).		<i>ft/min.:</i> 0.1 ft/min. ( < 1,000 ft/mn. ). 1 ft/min. ( 1,000 ft/mn. ).
			<i>inch./min.:</i> 0.1 inch/min. ( < 1000 inch/min. ). 1 inch/min. ( 1000 inch/min. ).
Display	5 digits, 10 mm ( 0.4" ) LCD.	5 digits, 10 mm ( 0.4" ) LCD.	5 digits, 10 mm ( 0.4" ) LCD.
Accuracy	± ( 0.05% + 1 digit ).	± ( 0.05% + 1 digit ).	± ( 0.05% + 1 digit ).
Time base	Quartz crystal.	Quartz crystal.	Quartz crystal.
Circuit	Exclusive one-chip of microcomputer LSI circuit.	Exclusive one-chip of microcomputer LSI circuit.	Exclusive one-chip of microcomputer LSI circuit.
Operating Temperature	0 to 50 °C ( 32 to 122 °F ).	0 to 50 °C ( 32 to 122 °F ).	0 to 50 °C ( 32 to 122 °F ).
Operating Humidity	Less than 80% R.H.	Less than 80% R.H.	Less than 80% R.H.
Memory	Last/Max./Min. value.	Last/Max./Min. value.	Last/Max./Min. value.
Battery	4 x 1.5V AA ( UM-3 ) batteries.	4 x 1.5V AA ( UM-3 ) batteries.	4 x 1.5V AA ( UM-3 ) batteries.
Power Consumption	<i>Photo type :</i> Approx. DC 153 mA.	Approx. DC 153 mA.	Approx. DC 10 mA.
	<i>Contact type :</i> Approx. DC 10 mA.		
Size	195 x 61 x 38.5 mm. ( 7.6 x 2.4 x 1.5 inch ).	165 x 61 x 38.5 mm. ( 6.5 x 2.4 x 1.5 inch ).	195 x 61 x 38.5 mm. ( 7.6 x 2.4 x 1.5 inch )
Weight	280g ( 0.61 LB ) * including battery.	235g ( 0.52 LB ) * including battery.	280g ( 0.61 LB ) * including battery.
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.	Carrying case.....1 PC. Reflecting tape marks ( 600 mm ).....1 PC. Operation manual..... 1 PC.	Carrying case.....1 PC. RPM adapter ( CONE ) ..... 1 PC. RPM adapter ( FUNEL ) ..... 1 PC. Surface speed test wheel ..... 1 PC. Operation manual..... 1 PC.
Patent	<i>DT-2238 had following countries patent &amp; patent pending :</i> 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.

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