



ENGLISH

Datasheet Tachometers **Photo Tachometer**

[RS Stock No. 244-0719](#)





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ISO-9001, CE, IEC1010

Items	PHOTO TACHOMETER			CONTACT TACHOMETER		
Model	DT-2234B			DT-2235B		
Range	5 to 99,999 RPM			0.5 to 19,999 RPM		
				Surface Speed (m/min.): 0.05 to 1,999.9 m/min.		
				Surface Speed (ft/min.): 0.2 to 6,560 ft/min.		
Resolution	RPM	0.1 RPM	< 1,000 RPM	RPM	0.1 RPM	< 1,000 RPM
		1 RPM	1,000 RPM		1 RPM	≥1,000 RPM
				Surface Speed	0.01 m/min.	< 100 m/min.
					0.1 m/min.	≥100 m/min.
					0.1 ft/min.	< 1000 ft/min.
					1 ft/min.	≥1,000 ft/min.
Display	5 digits, 10 mm (0.4") LCD.			5 digits, 10 mm (0.4") LCD		
Accuracy	± (0.05 % + 1 digit).			± (0.05% + 1 digit).		
Sampling Time	1 second (60 RPM).			1 second (6 RPM).		
Time base	Quartz crystal .			Quartz crystal .		
Photo Tach. detecting distance	50 to 150 mm/2 to 6 inch. * Typical max. 300 mm/12 inch depending upon ambient light.					
Circuit	Exclusive one-chip of micro-computer LSI circuit.			Exclusive one-chip of micro-LSI circuit.		
Battery	1.5 V AA (UM-3) battery x 4 PCs.			1.5 V AA (UM-3) battery x 4 PCs.		
Operating temp.	0 to 50 °C (32 to 122 °F).			0 to 50 °C (32 to 122 °F).		
Memory	Last value, Max. value, Min. value.			Last value, Max. value, Min. value.		
Size	190 x 72 x 37 mm (7.5 x 2.8 x 1.5 inch).			208 x 72 x 37 mm (8.2 x 2.8 x 1.5 inch).		
Weight	250g (0.55 LB)/including battery.			280g (0.62 LB)/including battery.		
Accessories	Carrying case	1 PC		Carrying case	1 PC	
	Reflecting tape marks (600 mm)			RPM adapter (CONE).....	1 PC	
		1 PC		RPM adapter (FUNNEL).....	1 PC	
	Operation manual	1 PC		Surface speed test wheel.....	1 PC	
				Operation manual	1 PC	

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