PROVA®

RM-1500/1501   Digital Tachometer

CE

Features:

- Combination for non-contact and contact measurements
- Measuring distance 50 ~ 300mm
- Range 10.00 ~ 99,990 RPM
- Light reflex measuring
- 5 digits LCD display
- Event counter with elapsed time
- Max/ Min/ Hold, True Average
- Auto range RPM
- RS-232C to USB cable **(RM-1501)**
- Contact RPM and circumferential velocity measurements in one simple adapter **(RM-1502)**

Specifications:

Speed (Non-contact):

	Range	Resolution	Accuracy
RPM	10 - 99990	0.01/0.1/1	0.04% ±2 dgts ±0.06RPM
rps(Hz)	0.2000 - 2000.0	0.001/0.01/0.1	0.04% ±2 dgts

Speed (Contact):

	Range	Resolution	Accuracy
RPM / (symbolizes "Contact")	10.000 - 29999	0.001/0.01/0.1/1	0.04% ±2 dgts
m/min	1.000 - 2999.9		
ft/min	3.000 - 10000	0.001/0.01/0.1	
yard/min	1.000 - 3000		

Event Counter:

Range	Max. Input Frequency
0 - 99999	10KHz. with 5% duty cycle

General Specifications:

External TTL Input:	High > 4.5V **(RM-1501)**
Display:	5 digits 99999 counts
Sampling Rate:	0.7 second (> 60 rpm) > 1 second (10 to 60 rpm)
Measuring Distance:	50 to 300 mm
Time Base:	4.0 MHz Quartz Crystal
Range Selection:	Automatic
Battery:	Four 1.5V batteries (AA, UM-3)
Power Consumption:	1.5mA (Idle) 27mA (Non-contact, measurement) 34mA (contact, measurement)
Auto-Power-Off:	30 minutes.
Operating Temp.	0 to 50∘C (32 to 122 ∘F)
Size:	172 mm x 63 mm x 36 mm (6.8" x 2.5" x 1.5")
Weight:	190 g / 6.7 oz (including battery)
Accessories:	1. Carrying case x 1 2. Reflective tape x 1 3. Instruction Manual x 1 4. 1.5V AA Batteries x 4 5. RS-232C to USB cable x 1 (for **RM-1501** only) 6. Software CD x 1 (for **RM-1501** only) 7. Software Manual x 1 (for **RM-1501** only)
Option:	**RM-1502 Adapter** for contact measurement

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