



RM-1500/1501 Digital Tachometer

Product Features

- 5 Digits LCD Display
- Light Reflex Measurement
- Range 10.00 to 99,999 RPM
- Measuring Distance 50 to 300mm
- Event counter with elapsed time
- RM-1502 optional Contact Adaptor
- Max / Min / Hold : True Average
- Auto Range RPM
- RS-232 Interface for Model RM-1501
- Contact RPM and circumferential velocity measurements in one simple adaptor(RM-1502)

Speed (Optical)

	Range	Resolution	Accuracy
RPM	10.00-99999	0.01/0.1/1	0.04%±2dgtst
rps (HZ)	0.2-2000	0.001/0.01/01	0.04%±2dgtst

Speed (Contact)

	Range	Resolution	Accuracy
RPM	10.00 - 29999	0.01/0.1/1	0.04%±2dgtst
m/min	1.000 - 2999.9	0.001/0.01/0.1	0.04%±2dgtst
ft/min	4.00 - 10000	0.01/0.1/1	0.04%±2dgtst
yard/min	2.00 - 3000	0.01/0.1/1	0.04%±2dgtst
rps (Hz)	0.2 - 500	0.001/0.01/0.1	0.04%±2dgtst

Event Counter

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

General Specification

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 300mm
Time Base	4.0 MHz Quartz Crystal
Range Selection	Automatic
Battery	Four 1.5V batteries (AA, UM-3)
Power Consumption	1.5mA (Idle) 5mA (1000.0 - 99999 rpm) 25mA (10.00 - 999.99 rpm) 25mA (Max, Min or Ave Enabled) 25mA (Event Counter)
Auto-Power-Off	30 minutes.
Operating Temp.	0 °C ~ 50 °C (32 °F ~ 122 °F)
Size	72 mm x 63mm x 36mm (6.8" x 2.5" x 1.5")
Weight	190g (6.7 oz.) (including battery)
Accessories	Carrying Case x 1 , Reflective tape x 1 , Instruction Manual x 1 (Software & RS-232 interface for RM-1501)
Optional accessories	RM-1502 Contact Adaptor