

# Tacho Meter

## TM-4100N TM-4100DN(Datalogger)

### Features

- ◆ Display: 6 digits LCD display with maximum 999999.
- ◆ Noncontact IR and contact measurements.
- ◆ Range of noncontact measurement: 50~500mm.
- ◆ Sampling rate
 

>60 rpm	12 ~ 60 rpm	Average
0.5 sec	>1 sec	>2 sec
- ◆ Functions: maximum/minimum values, data hold, average value, auto power off, buzzer, backlight
- ◆ Manual recording: 200 data (TM-4100N)  
20,000 data (TM-4100DN)
- ◆ Auto recording: 200 data (TM-4100N)  
20,000 data (TM-4100DN)
- ◆ Battery life: about 20 hours (with continuous measurement and buzzer off)
- ◆ Power: 9V (NEDA 1604 IEC 6F22 JIS 006P) x 1
- ◆ External power supply(TM-4100DN)
  - 1.Support USB power input
  - 2.Optional adaptor:
- ◆ Low battery voltage measurement

### Electrical Specifications

Ambient temperature range: 18°C (64°F) ~ 28°C (82°F)

#### Noncontact

Unit	RPM/count measurement	Resolution	Accuracy
RPM r/min	12.00 ~ 99960	0.01/0.1/1	±0.04%±2dgt
RPM r/s	0.2000 ~ 1666.0	0.0001/0.001/0.01/0.1	
Cycle ms	0.6000 ~ 5000	0.0001/0.001/0.01/1	
Counter	0 ~ 999999	1	±1dgt~±20dgt

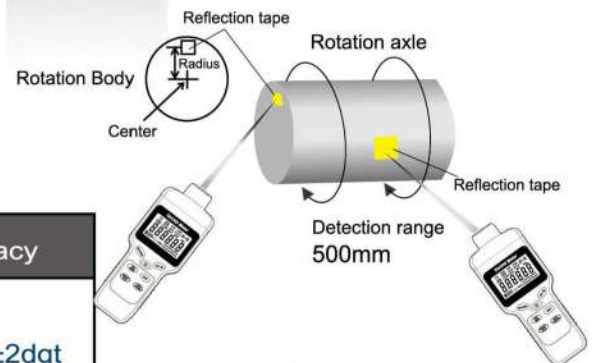
#### Contact

Unit	RPM/count measurement	Resolution	Accuracy
RPM r/min	12.00 ~ 19980	0.01/0.1/1	±0.04%±2dgt
RPM r/s	0.2000 ~ 333.0	0.0001/0.001/0.01/0.1	
ft/min	3.9370 ~ 6555	0.001/0.01/0.1/1	
yard/min	1.312 ~ 2185		
m/min	1.200 ~ 1998.0	0.001/0.01/0.1/1	
m/s	0.2000 ~ 33.30	0.001/0.001/0.01	
Cycle	3.000 ~ 5000	0.001/0.01/0.1/1	
Counter	0 ~ 999999	1	±1dgt~±20dgt

1 foot / minute = 0.00508 m / s = 0.3048 m / min  
1 yard / minute = 0.01524 m / s = 0.9144 m / min



- ◆ Dimensions: 186x70 x36 mm (L x W x H).
- ◆ Weight: Approx 230g (battery included)



(optional)

