

TM-4100 Tachometer

4100K



Combo Kit Contact & Non-Contact Non-contact detection distance up to 500mm

Feature :

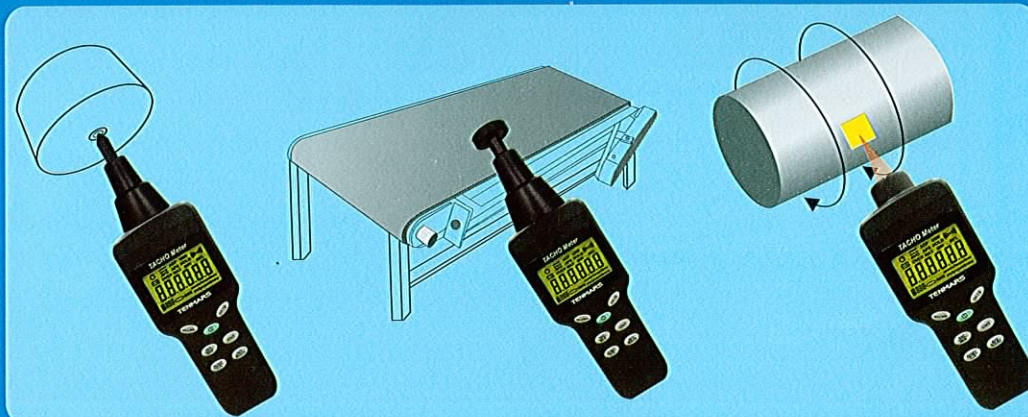
- Large LCD 6 digits with backlit.
- Contact and non-contact measurements in one combo kit.
- Measuring by the output of red visible-spectrum light containing the signal to the tap or plate and receiving the signal from the reflective light.
- Measurement distance: 40 ~ 500mm.(1.58" ~ 19.7")
- 99 records storage capacity.
- USB datalogger up to 20,000 data. (TM-4100D)

Functions:

- Auto-range.
- Average.
- Max / Min.
- Auto Power Off.
- Hold.
- Buzzer. (on /off)

TM-4100D Tachometer (datalogger)

- Datalogging Up to 20,000 set Capability.
- USB PC interface.



Models	TM-4100	TM-4100D (USB Datalogger)
Display	6 digits backlit LCD.	
Detection distance	40mm to 500mm (1.58" to 19.7")	
Measuring indicator	The LCD displays "RING" with a buzzer sound (or off).	
Sampling period	62.5ms to 2s	
Operating Temp./ Humidity	0 ~ 40°C ; 25% to 75 % RH.	
Storage Temp./ Humidity	-10 ~ 60°C ; 0% to 80% RH.	
Memory capacity	200 data sets	20,000 data sets
Power Supply	9V battery x1	
Maximum rated power	0.5VA	
Battery life	About 30 hours. (buzzer off)	
Dimensions	Approx. 186mm x 76mm x 36mm (L x W x H)	
Weight	Approx.200g	
Accessories	Battery x1, Carrying case x1, Reflective tape x1 sheet, MINI USB 4P(MALE) to USB cable x1	

MODE	Range	Contactless measurement		Contact measurement		Period measurement (ms)	Count measurement (count)
		AVG=ON	AVG=OFF	AVG=ON	AVG=OFF		
Rotation speed measurement (r/m)	1	30.00 to 199.99	—	15.00 to 199.99	—	1	0.6000 to 1.9999
	2	200.0 to 1999.9	300.0 to 1999.0	200.0 to 1999.9	150.0 to 1999.0	2	2.000 to 19.999
	3	2000 to 19999	2000 to 19990	2000 to 19999	2000 to 19999	3	20.00 to 199.99
	4	20000 to 99990	20000 to 99990	—	—	4	200.0 to 1999.9
Rotations speed measurement (r/s)	1	0.5000 to 1.9999	—	0.2500 to 1.9999	—	1	0 to 999999 (Input conditions Up to rotational speed measurement upper limit)
	2	2.000 to 19.999	5.000 to 19.990	2.000 to 19.999	2.500 to 19.990		
	3	20.00 to 199.99	20.00 to 199.90	20.00 to 199.99	20.00 to 199.90		
	4	200.0 to 1600.0	200.0 to 1600.0	200.0 to 333.0	200.0 to 333.0		

Speed Measurement	RANGE	AVG ON	AVG OFF
m/min	1	1.500 to 19.999	—
	2	20.00 to 199.99	15.00 to 199.90
	3	200.0 to 1999.9	200.0 to 1999.0
m/s	1	0.0250 to 1.9999	0.2500 to 1.9999
	2	2.000 to 19.999	2.000 to 19.990
	3	20.00 to 33.30	20.00 to 33.30

Accuracy	AVG ON	AVG OFF
Up to 9,999 counts	± 1dgt.	± 10dgt.
10,000 counts	± 2dgt.	± 20dgt.
20,000 counts or more (r/min mode only)	± 20dgt.	± 100dgt.
Period measurement only	± 0.5%rdg. is added to above-mentioned accuracy.	