

Non-contact detection distance up to 500mm

Functions

- Auto-range
- Average
- Max / Min
- Buzzer (on/off)
- Hold
- Auto power off



TM-4100

TM-4100D (Datalogger)

**Combo Kit
Contact & Non-contact**



**4100K
(optional)**



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 display "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	
External power	AC 100~240V to DC 9V/0.5A	
Battery life	About 30 hours (buzzer off)	
Dimension	Approx. 186x 76x 36mm (Lx Wx H)	
Weight	Approx. 200g	
Accessories	Battery x 1, carrying case x 1, reflective tape x 1 sheet, MINI USB 4P (MALE) to USB cable x 1 (TM-4100D)	

Mode	AVG=ON/OFF	Contactless measurement	Accuracy
Rotational speed measurement (r/m)	AVG=ON	30.00 to 99990	±0.5%±20dgt
	AVG=OFF	300.0 to 99990	±0.5%±100dgt
Rotational speed measurement (r/s)	AVG=ON	0.5000 to 1600.0	±0.5%±10dgt
	AVG=OFF	0.5000 to 1600.0	±0.5%±20dgt
Contactless measurement	AVG=ON	0.6000 to 199.90	±0.5%±10dgt
	AVG=OFF	0.6000 to 199.90	±0.5%±20dgt
Contact measurement	AVG=ON	max 9999 dgt	±0.5%±1dgt
	AVG=OFF		±0.5%±10dgt
	AVG=ON	10000 to 19999	±0.5%±2dgt
	AVG=OFF		±0.5%±20dgt
	AVG=ON	20000 to 99999(r/min)	±0.5%±20dgt
	AVG=OFF		±0.5%±100dgt

Mode	AVG=ON/OFF	Contact measurement	Accuracy
Circumferential measurement (m/min)	AVG=ON	1.500 to 1999.9	±0.5%±20dgt
	AVG=OFF	15.00 to 1999.0	±0.5%±100dgt
Circumferential measurement (m/s)	AVG=ON	0.0250 to 33.30	±0.5%±20dgt
	AVG=OFF	0.2500 to 33.30	±0.5%±10dgt