

TACHOMETER ADAPTER OPERATION MANUAL

Application: To match "DIGITAL MULTIMETER" be used
as a DIGITAL PHOTO TACHOMETER.

- (1) Weight (including battery) : 250g (0.55 lb)
- (2) Size : 170 x 72 x 37 mm
(6.7 x 2.8 x 1.5 inch)
- (3) Measuring Range : Range A: 100-1999 RPM
(Resolution 1 RPM)
Range B: 1000-19990 RPM
(Resolution 10 RPM)
- (4) Output : Range A -- DC 0.1mV per RPM
Range B -- DC 0.1mV per 10RPM
- (5) Battery : 4 x 1.5V AA size
- (6) Rugged and Light Weight Construction : The case is made of durable and light ABS plastic material. The refined housing fits in either hand and maintains free performance for many years.
- (7) Accuracy : $\pm (1.2\% + 2 \text{ digits})$
- (8) Detecting Distance : 50 to 150mm/2 to 6 inch
(typical max. 300mm/12 inch,
depending upon ambient light)

- (9) Operation : 1. Apply a reflective marker to the object being measured.
2. Engage the "RANGE A (100-1999 RPM)" or the "RANGE B (1000-19990 RPM)".
3. Insert the "Output plug (red & black)" into the DIGITAL MULTIMETER input socket (DC 200 mV).
4. Press the MEASURE BUTTON and align the visible light beam with the applied target. Verify that the "TARGET INDICATOR" show each time the target passing thru light beam.
5. When you measure the unknow RPM, first please determine the highest Range (Range B) then the lower Range (Range A).
- (10) Low battery indicator : When the "LOW BAT." indicator light, it is necessary to replace the battery. However in-spec. measurements may still be made for approx. half hour after the "LOW BAT." indicator appears before the instrument became inaccurate.
- (11) Standard Accessories : Reflective tape marks (60mm) 1pc.
 1pc.
 Operation manual 1 pc.