

## SPECIFICATIONS

Range: 10.000 to 99999 RPM

Resolution: 0.001/0.01/0.1/1

Sampling Time: 1 sec (>60rpm) >1 sec.  
(10-60rpm)

Power Supply: 9V battery

## OPERATION

1. Create a reflective mark by cutting a strip of the reflective tape into a 0.5-inch square.
2. Stop the rotating object to be measured and apply the reflective mark to the object. Make certain that the surface of the object is smooth

and clean so that the reflective mark will adhere. The non-reflective area must always be greater than the reflective area. If the object being measured is normally reflective, then it must be covered with black tape or paint before applying the reflective mark.

3. Allow the object to rotate.
4. Power on the Tachometer by pressing HOLD/POWER button or the  $\ominus$  button located on the bottom of the unit.
5. Press and release the HOLD/POWER button and align the visible red LED beam with the reflective mark.

Use special care when measuring the rotation of the flat end of a shaft with a relatively small diameter. Completely cover the flat end with non-reflective black tape. Place the reflective mark on top of the black tape, as close to the edge as possible.

The tachometer has a unique design with two power keys, one at the middle of top view, another that is smaller and at the bottom of the meter for easy power on or off when measuring an object at a downward location.

Power off the meter by pressing and holding the HOLD/POWER button for 3 seconds. The meter also powers OFF automatically after non-operation in 20 minutes.

## DATA HOLD

To “freeze” the display at the current reading, press and release the HOLD/POWER button (“Hold” will appear on the display). Press and release the HOLD/POWER button a second time to return to current reading (“Hold” will no longer appear on the display).

## ALL OPERATIONAL DIFFICULTIES

If this unit does not function properly for any reason or the battery symbol  appears on the display, replace the battery with a new high quality battery (see "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

## BATTERY REPLACEMENT

Erratic readings, faint readings, or no display are all indications that the battery must be replaced. Remove the battery cover. Remove the exhausted battery and replace with a new 9-volt battery. Replace the battery cover.

## WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

### **CONTROL COMPANY**

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TACHOMETER  
WITH RED  
LED POINTER  
INSTRUCTIONS**