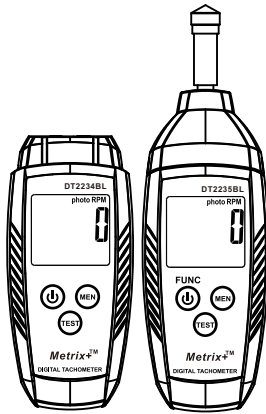


Smart Digital Tachometer Instruction Manual



C. Long press the TEST button to align the visible beam with the target being measured in a straight line. After the displayed value stabilizes, release the TEST button. The maximum value, minimum value, and the last displayed value measured will be automatically stored in the meter.

D. Press the MEM memory key to display the maximum, minimum and last measurement values.

3. Contact speed mode

A. Short press ON/OFF to select the measurement mode contact RPM and install the contact fittings.

B. Keep the contact rubber head close to the measured object and rotate synchronously with the measured object.

C. Long press the TEST key to start measuring. When the displayed value is stable, release the TEST key to store the measured value automatically.

D. Press the MEM memory key to display the maximum value, minimum value and last measurement value.

4. Contact line speed mode

A. Short press ON/OFF to select the measurement mode m/min(metric) or ft/min(inch) and install the contact accessories.

B. Keep the contact fittings close to the measured object and rotate synchronously with the measured object.

C. Long press the TEST key to start measuring. When the displayed value is stable, release the TEST key to store the measured value automatically.

D. Press the MEM memory key to display the maximum value, minimum value and final measurement value.

5. Precautions for measurement

A. Reflective Marking: Depending on the size of the object being tested, cut a reflective mark that

I. Characteristics

1. Beautiful design, easy to use, comfortable.
 2. Wide measuring range, high resolution.
 3. Using single-chip microcomputer technology, photoelectric technology, anti-interference technology, can accurately measure the speed value.
 4. Large screen LCD display, clear reading.
 5. Automatic memory of the maximum, minimum and last displayed value of the measurement.
 6. When the battery voltage is lower than the specified value there is a low voltage symbol indicating.
 7. Automatic shutdown.
- In the case of no operation of any keys, about 15 minutes or so automatically shut down.

II. Specification

Function	DT2234BL	DT2235BL
Photoelectric type	△	
Contact type		△
Contact line speed (metric)		△
Contact line speed (inch)		△

Note:

Each model adopts the following technical indicators and operation methods according to the functions in the table.

Display: 5-bit 16mm LCD display
Accuracy: ± (0.05%+5)
Range selection: automatic range
Effective distance: 50mm ~ 500mm
Size: 176mmX57mmX33mm
Power supply: 9V 6F22 battery
Power consumption: less than 40mA
Weight: About 160g(including battery)

fits the size and stick it on the surface of the object. It should be noted that the non-reflective area must be larger than the reflective area; if the tested object is obviously luminous, it must first be coated with black paint or black tape, and then the reflective mark should be applied on top; before applying the reflective mark, the surface of the axis must be clean and smooth.

B. Low speed measurement, in order to improve the measurement accuracy, when measuring very low speed, it is recommended that the user evenly paste several reflection marks on the measured object, at this time the reading on the display can be divided by the number of reflection marks to obtain the actual measured speed value.

C. If the meter is not used for a long time, please remove the battery to prevent the battery from rotting and damaging the meter.

6. Memory Function Description (MEM)

When the measurement key (TEST) is released, the display displays "0" and the current measurement mode. However, the maximum, minimum and last measured value are automatically stored in the meter. When the memory key (MEM) is pressed, the measured value is displayed. MAX indicates the maximum value, MIN indicates the minimum value, and LA indicates the last value. Each time the memory key is pressed, another memory value is displayed.

7. Replace the battery

A. When the battery is lower than 7V, a symbol $\left[\begin{smallmatrix} \text{H} \\ \text{H} \end{smallmatrix} \right]$ appears on the LCD. Replace the battery.

B. Open the battery cover and take out the battery. Load the battery correctly.

8. Instrument accessories

DT2234BL Accessories: 1 manual, 1 certificate, 1 color box, 1 9V battery, 3 reflective belts (10mm*200mm/1).

Measuring range

- ① 10 ~ 99999 rpm(RPM) photoelectric speed mode
- ② 1.0~19999 rpm(RPM) Contact speed mode
- ③ 1.00~1999.9 m/min(m/min) Contact line speed mode
- ④ 3.3~6560 ft/min(inch /min) Contact line speed mode

Resolution

Photoelectric speed mode:

- 0.1rpm(RPM) (2.5 ~ 999.99rpm)
- 1rpm(RPM)(1000rpm or more)

Contact speed:

- 0.1rpm(RPM) (0.5 ~ 999.99rpm)
- 1rpm(RPM)(1000rpm or more)

Contact line speed:

- 0.01m/min(m/min) (0.05-99.999m/min)
- 0.1m/min(m/min) (100m/min or more)
- 0.1ft/min(inch /min) (0.1-999.99ft/min)
- 1ft/min(inch /min) (1000ft/min or more)

III. Operation Instructions

1. Power on

Install a 9V 6F22 battery, long press the ON/OFF key to turn on or off. Short press this key for function selection (DT2234BL no function selection)

2. Photoelectric speed mode: (DT2234BL have this function)

A. Attach a reflection mark to the object to be measured.

B. Long press ON/OFF to start the machine, short press ON/OFF to select the measurement mode photo RPM, if the contact accessories have been installed, please remove them.

(Note: dual-purpose tachometer). Remarks DT2234BL no select function. Display photo RPM measurement mode after power on.

DT2235BL Accessories: 1 manual, 1 certificate, 1 color box, 1 9V battery, 1 cloth bag, 5 rotating speed kits.

Panel illustration:



- ① Power switch and function selection (DT2234BL no select function)
- ② Display
- ③ MEM key
- ④ Test key
- ⑤ Special kit (DT2235BL / DT2234BL)
- ⑥ Special kit (DT2235BL / DT2234BL)
- ⑦ Special kit (There are no two)
- ⑧ Adhesive tape (DT2234BL)
- ⑨ 9V battery

Note:

For safety reasons photoelectric measurement is recommended when measuring high speed.