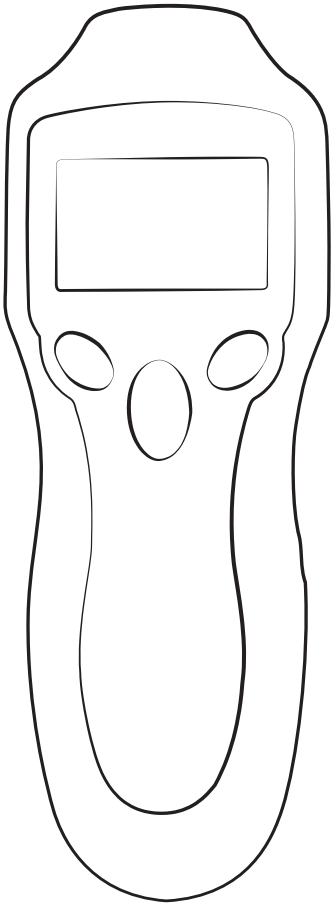
DIGITAL TACHOMETER



- Two test modes
- Wide measuring range
- Highly visible digital LCD
- Built-in memory
- Protective case

OPERATOR'S MANUAL
ORDER CODE: OXD-315-2740F

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WARNING: To avoid injuries to animal or human eyes, please do not point the laser beam in eyes or look directly into beam. If the instrument is not to be used for any extended period, please remove battery.

FEATURES

- Provides fast and accurate, non-contact RPM and surface speed measurements of rotating objects.
- Uses the CPU technique, photoelectrical technique, and junction laser technique for one instrument combined PHOTO TACH. (RPM&REV)
- Two test modes: rotate speed mode (unit: RPM) & count mode (unit: REV)
- Wide measure range and high resolution.
- High visible digital LCD and backlight display.
- Built-in memory recalls Max, Min and Last value stored.

SPECIFICATIONS

Display:	5 digit LCD display
Accuracy:	±(0.05%+1 digits)
RPM test range:	2 to 99,999 RPM
Count range:	1 to 99,999 REV
Resolution:	0.1 RPM (2 to 999.9 RPM) 1 RPM. (over 1000 RPM)
Sampling time:	0.5 sec. (over 120 RPM)
Detecting distance:	50mm to 500mm
Time base:	Quartz crystal
Power consumption:	Approx 45mA
Power Supply:	9V Battery or 6V Exterior DC (Not supplied)
Operation temp:	0°C to 50°C
Dimension:	160 x 58 x 39mm
Weight:	151g

MEASURING

Apply a reflective mark to the object being measured. Depress the "MEAS" button and align the visible light beam with the applied target. Verify that monitor indicator lights when the target aligns with the beam. The current mode is the last time mode. If you need to change the mode, release the "MEAS" button and press the "MODE" button before the instrument auto powers off (after releasing the "MEAS" button this instrument will auto power off in 10 seconds).

Press the "MEM" button to read the Max, Min and Last value of the last measurement.

MEASURING CONSIDERATION

REFLECTIVE MARK

Cut adhesive tape into approx 12mm (0.5") squares and apply one square to each rotation shaft.

- The non-reflective area must always be greater than the reflective area.
- If the shaft is normally reflective, it must be covered with black tape or black paint before attaching reflective tape.
- Shaft surface must be clean and smooth before applying reflective tape.

VERY LOW RPM MEASUREMENT

If measuring very low RPM values, it is suggested that you attach more "REFLECTIVE MARKS". Then divide the reading shown by the number of "REFLECTIVE MARKS" to get the real RPM.

ACCESSORIES AVAILABLE TO ORDER

OXD-315-6732F Reflective Tape 25mm x 150mm

OXD-315-6733K Reflective Tape 25mm x 5m

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THE ENVIRONMENT



Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner.

In observance of European Directive on Waste Electrical and Electronic Equipment (WEEE) and its implementation in accordance with national law, electrical goods that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Do not dispose of electrical goods with domestic waste materials as inappropriate disposal may cause potential hazards to the environment and human health.

For further information, please contact your local authority or the retailer from whom you purchased the product.

QUALITY GUARANTEE & WARRANTY

OXFORD PRECISION products carry a one year manufacturer's warranty.

OXFORD PRECISION products are designed & manufactured to the highest standards & specifications.

Assuring the quality and performance required by all sectors of industry.

OXFORD PRECISION products are fully guaranteed against faulty materials & workmanship.

Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted).

Please retain supplier invoice as proof of purchase.

OXFORD PRECISION, LEICESTER, ENGLAND. LE18 2FS.

DECLARATION OF CONFORMITY

We hereby certify that OXFORD DIGITAL TACHOMETER (ORDER CODE: OXD-315-2740F)

Complies with all the relevant provisions of the

EMC Electromagnetic Compatibility Directive 2014/30/EU

Standards Applied:

EN61326-1:2013, EN61326-2-1:2013, IEC61326-1:2012, IEC61326-2-1:2012

RoHS2 Restriction of Hazardous Substances Directive 2011/65/EU

Signed:

Date: July 2019

Name: Toni Johnson

Position: Compliance Director.

CE

OXFORD PRECISION

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