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# ecotach

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Your durable, hand-held optical  
tachometer for checking rotational  
speeds quickly and accurately.



- Measuring range from  
1 – 60,000 rpm
- Brilliant red LED light point
- Measuring distance up to 450 mm
- Wide measuring angle
- Very versatile
- Works in difficult light conditions
- Light-weight and pocket sized
- 2 years warranty
- Made in Germany

Bright measurement point, easy to operate, reliable quality – these make ecotach the perfect hand-held tachometer for routine rotational speed checks.

**The ecotach measuring principle.** The red LED light beam is reflected by a reflection mark fixed on the equipment to be measured. Observe the On Target indicator in the display to ensure accurate readings and read off the result from up to 450 mm distance and at a very wide angle. The device is very resistant to extraneous light, thanks to the use of a very bright LED and matching optical system.

**Safe non-contact RPM measurement.** With ecotach, you do not come into contact with moving parts! Measurement is by means of a bright light beam, creating a clearly detectable light point on the object to be measured and a strong signal via the reflective marker.

**Simple and convenient measurement.** Attach the reflective marker, press the measuring key and read off the result. Ecotach can cover a wide angle and a distance up to 450 mm, for convenient measuring even of inaccessible objects.

**Reliable and accurate measurement.** Ecotach can be applied anywhere, whether indoors or out. The strong light beam and the brilliant measurement point are clearly visible whatever the light conditions, and are 100% readable by the instrument.

**Easy to use and economic on power.** The large LCD makes the measurement easy to read. Your last measurement is stored for 30 seconds, yet giving plenty of time to note the RPM results. Then ecotach shuts down automatically, conserving your batteries.

**You have a durable instrument – with a warranty.** Everything about your ecotach is ‘Made in Germany’. The whole instrument is designed to give you many years of reliable and accurate measurement readings. Our two-year warranty is your security.

**You have a light weight and pocket sized instrument.** Weighing in at only 147g of total weight (incl. batteries), the light-weight ecotach is comfortable to carry in your hand or pocket. And is always easy to see, thanks to its distinctive appearance.



Technical data

General parameters

Accuracy:	+/- 0.02% of reading (+/-) 1 digit
Measuring range:	1 ... 60,000 rpm
Measurement distance:	Max. 450 mm / max 18 in
LCD:	Readings to 5 decimal places (with floating decimal point). Indicators for RPM, On Target and Low Battery condition.
Reading hold feature:	display automatically holds last reading
Automatic shut down:	Shuts down automatically 30 seconds after last use

Operating data

Battery type:	2 x AA batteries or rechargeable cells
Battery life:	40 hours (continuous operation)
Operating temperature:	0 ... +50°C / 0... +122 F

Housing

Material:	ABS
Dimensions:	145 x 60 x 28 mm / 5.71 x 2.36 x 1.10 in
Weight:	147g (incl. batteries)

Certifications



Technical information may be subject to change

N0001.392



Your ecotach standard package:  
One ecotach hand-held tachometer,  
reflective tapes, 2 AA alkaline  
batteries, instruction manual,  
practical and light protective case.



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