

TACHOMETER REA2



Features

- Speed measurement: rpm
- Surface velocity: m/min
- Number of rotations: counter
- Frequency: Hz
- Linear measurement: m, in, ft, yd
- Ships complete with ISO calibration certificate

Description

This digital handheld tachometer, or rotation meter, can take both contact and non-contact measurements of rotation speed and linear speed. This unit provides sufficient breadth of experimental capacity to support the PA Hilton range of renewable units. This handheld tachometer features an integrated laser and includes a mechanical attachment with contact probes, making it the ideal measuring instrument for many of the PA Hilton range of renewable units.

Learning capabilities

- Allows relationship between turbine output power and rotational speed to be evaluated.
- Allows relationship between turbine rotational speed and output voltage to be investigated
- Allows relationship between turbine speed and air velocity to be investigated (Anemometer required)

Technical Specification

- Measuring range-laser optical: 2.....99999 rpm
- Measuring range mechanical: 2.....20,000 rpm
- Accuracy $\pm 0.05\%$ of the speed reading ± 1 digit
- Measuring distance 50 ... 500 mm / 2 ... 20 in
- Speed display LCD, 5 digits, 22mm high

Recommended Ancillaries

- Custom matched for use with PA Hilton RE540 and RE580 Renewable Energy Study Units

What's in the Box?

- 1 x Tachometer
- 1 x Mechanical attachment
- 1 x Adapter wheel
- 1 x Measuring probe (outer cone)
- 1 x Measuring hollow point (inside cone)
- 1 x Belt bag
- 1 x Battery
- 3 x Strips of reflective tape (each 20 mm or 0.8 in)

Weights & Dimensions

- Net dimensions: 160mm x 60mm x 42mm
- Net weight: 200g

Operational Conditions

- Working temperature range 0 ... 50°C

Ordering information

To order this product, please call PA Hilton quoting the following code:

REA2 - Tachometer

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