

## Rotation speed measuring device

via light and reflecting label or measuring tip;  
velocity and length measurement via measuring wheel



### rotaro 3

Rotation speed measuring device incl.

- Reflecting labels
- Measuring tip, hollow tip, measuring wheels (Ø 0.1 m and Ø 6")
- extension shaft
- Calibration certificate
- Case
- Battery

#### Applications:

The handheld tachometer rotaro 3 is useful at the installation and setup of plants and machinery as well as for service application, monitoring production processes or use at development laboratory. The rotaro 3 can measure rotary speed of for example motors, turbines, pumps as well as stirring devices, centrifuges and haulage installations, foil or textile manufacturing units, coil and transformer winding machines, machine tools, etc. Furthermore it can measure running speed and length of foils and band of all kind..

#### Specifications:

Measuring range:

**rpm:** 1.00 ... 99,999 min<sup>-1</sup> (optical measurement)  
1 ... 19,999 min<sup>-1</sup> (mechanical measurement)

**Velocity:** Ø 0.1 m: 0.10 ... 1999 m/min  
Ø 6": 0.10 ... 1524 m/min  
(other units possible: m/sec, ft/min, in/min ...)  
0 ... 99999 m / ft / in

**Length:** 0 ... 99999 m / ft / in

**Accuracy:**

**rpm:** ± 0.02% of m.v. (± 1 digit)

**Meas. distance:** max. 600 mm

**Meas. principle:** optical/ mechanical

**Memory function:** min- / max- value memory,  
average and last value

**Power-off:** automatically after 30 s

**Display:** 5-digit LCD display with 10 mm height of digits  
and floating point at range change

**Power supply:** 2 x AA battery or accumulator

**Working temp.:** 0 ... 50 °C

**Storage temp.:** -20 ... 70 °C

**Housing:** plastic ABS

**Approval:** CE

**Dimensions:** 175 x 60 x 28 mm (H x W x D)

**Weight:** 250 g

## Rotation speed measuring device

via light and reflecting label



### ecotach

Rotation speed measuring device incl.

- Reflecting labels
- Transportation slip case
- Battery

#### Applications:

The handheld tachometer ecotach is useful at the installation and setup of plants and machinery as well as for service application, monitoring production processes or use at development laboratory. The ecotach can measure rotary speed of for example motors, turbines, pumps as well as stirring devices, centrifuges and haulage installations.

#### Specifications:

**Measuring range:** 1 ... 60.000 rpm

**Accuracy:** ± 0,02 % v. MW (± 1 Digit)

**Meas. distance:** max. 450 mm

**Meas. principle:** optical

**Power-off:** automatically after 30 s

**Display:** 5-digit LCD display for measuring value with  
floating point, measuring unit, trigger signal,  
low-battery warning

**Power Supply:** 2 x AA battery or accumulator

**Working temp.:** 0 ... 50 °C

**Housing:** plastic ABS

**Approval:** CE

**Dimensions:** 145 x 60 x 28 mm (H x W x D)

**Weight:** 147 g