

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 via light and reflecting label or measuring tip

General:

Rotation speed measuring device incl. reflecting labels, measuring tip, hollow tip, measuring wheels (\varnothing 0.1 m and \varnothing 6"), extension shaft, calibration certificate, case, battery

Application:

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.

Specification:

Measuring range:	
rpm:	1.00 ... 99.999 min ⁻¹ (optical measurement) 1 ... 19.999 min ⁻¹ (mechanical measurement)
Velocity:	\varnothing 0.1 m: 0.10 ... 1999 m/min \varnothing 6": 0.10 ... 1524 m/min (other units possible: m/sec, ft/min, in/min ...)
Length:	0 ... 99999 m / ft / in
Accuracy:	
rpm:	\pm 0.02 % of m.v. (\pm 1 digit)
Measuring distance:	max. 600 mm
Measuring 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 temperature:	0 ... 50 °C
Storage temperature:	-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 via light and reflecting label

General:

Rotation speed measuring device incl. reflecting labels, transportation slip case, battery

Application:

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 rotaro 3 can measure rotary speed of for example motors, turbines, pumps as well as stirring devices, centrifuges and haulage installations.

Specification:

Measuring range:	1 ... 60.000 rpm
Accuracy:	\pm 0.02 % of m.w. (\pm 1 digit)
Measuring distance:	max. 450 mm
Measuring 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 temperature:	0 ... 50 °C
Housing:	plastic ABS
Approval:	CE
Dimensions:	145 x 60 x 28 mm (H x W x D)
Weight:	147 g