

For reliable measurement, control and indication of rotational speeds



Hand-Held Tachometers

Multi-functional tool for contact and non-contact measurement



redpoint



rotaro



rotaro T



Quick speed measuring
in numerous applications

practicable and
precise

Special sets for textile industry
and rope measurement

Several models are available, each delivers unmatched performance and value, for both contact and non-contact RPM, surface speed and length measurement as detailed below.

redpoint rotaro rotaro T rotaro Te

Exceptional performance runs in the family

Delivering Precision & Value Exceptional design, the latest technologies and world-class fabrication techniques are just a few of the unique qualities defining Rheintacho's family of hand-held tachometers, which accurately measure rotational or surface speed as well as length. Each tachometer is supplied with a Calibration Certificate validating that its operating performance meets or exceeds its published specifications.

Informative LCDi The easy-to-read LCD display provides a wealth of valuable information including the measured value, selected engineering units, as well as an indication of the selected measuring mode; contact or non-contact.

Built-in memory When making use of the built-in memory function, the maximum, minimum, average and last value is automatically stored and easily recalled to the display by pressing the MEM key.



Complete kits Each unit is supplied with all the necessary accessories in an attractive, protective carrying case. Each attachment has been carefully designed to provide optimal mechanical stability to insure accurate, reliable and repeatable measurements.

Auto power off function ensures that the batteries aren't dead the next time you urgently need to use the hand-held tachometer. After 30 seconds from the last measurement, it turns off automatically.

Mode key With the MODE key, you can select any of the following engineering units: (rpm, m/min, ft/min, in/min, ft/sec, m/sec, m, ft ,in).



Redpoint

Without requiring contact, it uses a precise beam of light together with a piece of reflective tape affixed to the rotating element to accurately measure its rotational speed.



Rotaro

Different to the Redpoint, the Rotaro permits connection of a mechanical adapter that accepts a variety of contact tips and wheels for precise measurement of RPM or surface speed and length.



Rotaro T / Rotaro Te^{*)}

In addition to all functions performed by both Redpoint & Rotaro, Rotaro T is supplied with a special contact adapter specifically designed to maximize surface contact when measuring the running line speed



and length of yarns, wires and similar materials, to eliminate slip.

^{*)} Please see our special brochure for Rotaro Te 3.0 for elevator/rope measurement



Technical data

General parameters

Accuracy	±0,02% v. Messwert ± 1 Digit
Measuring Ranges rpm	optical 1...99999 min ⁻¹ mechanical 1...19999 min ⁻¹
Length	0...99999 m/0...99999 ft/0...99999 in
Sensing Distance (optical)	max. 600 mm (24 in)

Speed

	U=0.1 m	U=6"	U=12"	
m/min	0.10...1999	0.10...1524	0.40...609.6	
ft/min	0.40...6550	0.40...5000	0.40...2000	
in/min	4.00...78700	4.00...60000	4.00...24000	
m/sec	0.10...33.30	0.10...25.40	0.10...10.16	
ft/sec	0.10...109	0.10...83.33	0.10...33.33	

Operation

Battery type	2x AA Battery or rechargeable
Operating Temperature	0...+50°C (32...122°F)
Storage Temperature	-20...+70°C (0...160°F)

Material	ABS
Weight	250 g

Example applications are: motors, turbines and pumps; centrifugals, conveyors; paper, foil, and textiles production systems; spool and transformer coiling machines; tool machines and others.

Quick rotational-speed checks in a multitude of applications This equipment is just as important in the implementation and day to day operations of machinery and systems as it is for maintenance. These devices are also very helpful for checking production systems as well as research and development laboratories. Within seconds you know what condition your systems are in.

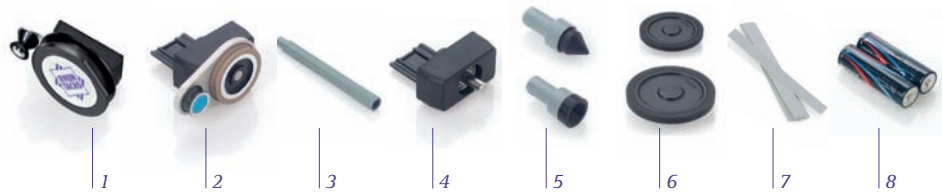
Ordering Information

Type: Redpoint 3.0 Part-No.: A5-1100
Features: RPM measurement by beam of light and reflection marker.

Type: Rotaro 3.0 Part-No.: A5-1000
Features: RPM measurement by beam of light and reflection marker or by measuring point; measurement of speed and length by measuring wheel.

Type: Rotaro T 3.0 Part-No.: A5-1200
Same features as the Rotaro with an additional special adapter for thread or wire.

Type: Rotaro Te 3.0 Part-No.: A5-1250
Same features as the Rotaro with an additional special adapter for elevator-/rope measurement up to 8mm diameter.



Design and content of carrying case depending on model.

Scope of delivery

A5-1100 Redpoint 3.0 (7), (8), (9).

A5-1000 Rotaro 3.0: RPM measurement by beam of light and reflection marker (7) or by measuring point (5); measurement of speed and length by different measuring wheels (6), batteries (8), extension (3), standard adapter (4), carrying case (9).

A5-1200 Rotaro T 3.0: same as Rotaro with a special adapter for thread or wire (2).

A5-1250 Rotaro Te 3.0: same as Rotaro with a special adapter for wire or rope (1).



RHEINTACHO Messtechnik GmbH

Waltershofener Straße 1
79111 Freiburg • Germany
Telefon +49 (0)761 45 13 0
Telefax +49 (0)761 44 52 74
info@rheintacho.de
www.rheintacho.de

