

Handheld tachometer multifunctional HT-5500



Product description

For sporadic speed measurement on a rotating shaft, mobile speed measuring devices are used. The HT-5500 device includes both: For contact measurement, direct mechanical contact to the contact tip of the encoder is required.

For non-contact, optical measurement, reflective marks are bonded to the rotating shaft.

The device allows measurements from 6...99999 rpm.

Applications

- Motors and drives
- Generators
- Engineering
- Test stands and quality
- Service equipment

Benefits

- The HT-5500 allows contact measurement as well as non-contact speed, circumferential speed, revolution and cycle measurement in one device

Features

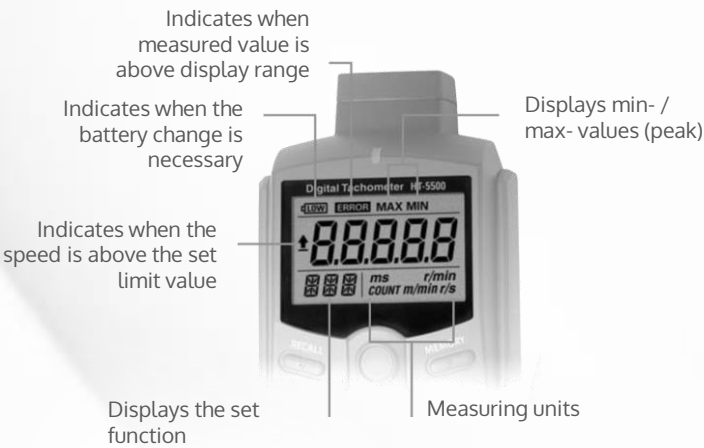
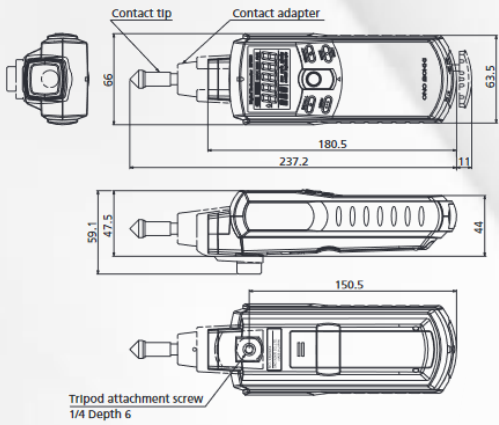
- For contact measurement with test probe or non-contact, optical measurement
- Robust and handy hand-held tachometer for measuring:
 - Rotational speed (r/min, r/s)
 - Peripheral speed (m/min)
 - Cumulated revolution (count)
 - Cycle (ms)
- Analog and pulse output for external data evaluation
- Connection for ext. power supply
- For mobile, battery-powered use
- Highly visible 5-digit LCD display with backlight and 10.2 mm line height
- Integrated memory function of the measurement result
- MIN/MAX measurement
- Incl. robust plastic box
 - with adapter, contact tip,
 - circumferential ring,
 - reflex markers and batteries

Technical data



Characteristic	Technical values
Contact transducer	Contact tip / Circumferential ring / Optical (reflex marks)
Display	LCD (5-stellig)
Battery	3 x AAA (1,5V)
Measuring range (optical measurement)	Speed 6 ... 99,999 rpm Peripheral speed 0.6 ... 9,999.9 m/min Counter 0 ... 99,999 COUNT Cycle 0.6 ... 9,999.9 ms
Measuring distance (opt. measurement)	20 ... 300 mm
Accuracy	Display value x (± 0.02%) ± 1 count
Memory	for 20 measured values
Analog output	0 ...1 V (measuring range)
Temperature range (operation)	0°C ...+40°C
Weight	0.2 kg

Drawing



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