

SMT-500

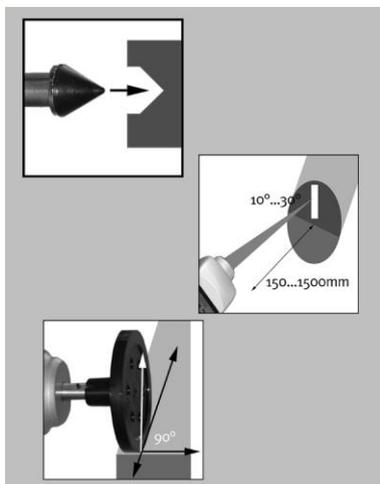
High Precision Tachometer

Features

- Selectable measuring units for length, rotational- and surface speed measurement
- Rugged aluminium die cast housing
- Available models as non-contact, contact and combined measuring
- Securely fixed screw-in adaptor to convert from non-contact to contact operation
- SMT-500C, contact tachometer with the best accuracy available
- High value instrument for professional use in industrial environments



Details

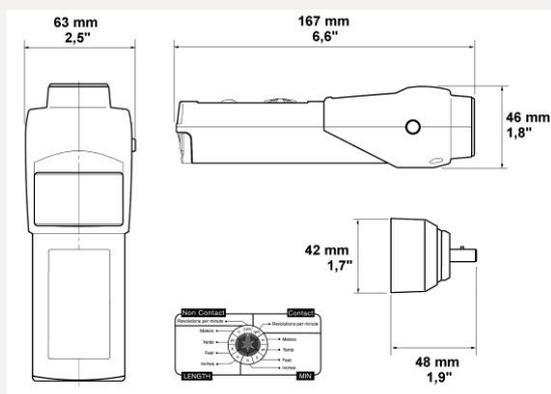


Series SMT-500 tachometers are robust precision instruments designed for frequent use for measuring revolution, surface speed and distance (length). The large LC-Display or the bright red LE-Display allows an excellent readability also at places with adverse illumination.

The model SMT-500CL measure RPM by means of a highly visible red laser beam. A reflective tag fixed to the revolving machine part can be detected by the instrument from a distance to 4m. By attaching a contact adaptor and a measuring tip / wheel the instrument can sense RPM, surface speed or length in selectable international measuring units.

Due to the state of the art measuring technology and very precise laser measuring combined with additional possibilities of direct measuring method, the instrument offers utmost versatility for servicing, calibrating and monitoring for various machines and plants.

Order Info



SMT-500

Instrument with **LCD-Display**, contact adaptor, reflective tags, measuring tip, - cone, and - wheel, extension shaft, operation manual, 2 AA Batteries, carrying case

Standard

SMT-916
SMT-926
SMT-800

Option

Reflective tags (sheets a 35 pieces)
 Charger for rechargeable NiMH batteries
 Calibration certificate

Spec

		<i>SMT-500L</i>	<i>SMT-500C</i>	<i>SMT-500CL</i>	<i>SMT-500CLX</i>
Measuring Range	contact measurement		6...25.000 RPM	6...25.000 RPM	
	non contact	6...99.999 RPM		6...99.999 RPM	
	measuring distance	150...1.500 mm			
Measuring Principle	photo optical	✓			✓
	incremental encoder		✓		
Operation Mode	revolution	RPM contact RPH contact			
	speed		m/min m/h yd/min yd/h ft/min ft/h in/min in/h		
	distance / length		m cm yd ft in		
Accuracy	revolution	0,006% (+/-1RPM) +/-0,06 RPM (<1000RPM) +/-0,6 RPM (<10000RPM)			
	speed / distance	0,4% (+/- 1Digit)			
Resolution (internal)	pulses/revolution		60	8 (with contact adaptor)	
	distance		0,00254 m/pulses	0,01905 m/pulses	0,0381 m/pulses
Display	type	LCD, 5-digit, 12mm high			
	update time	1000 msec			
Memory	min / max / last	✓			
	additional values	10 recordable value			
Batteries	number / type	2 x 1,5V AA-Typ			
	live time	approx. 35 h			
	low battery indication	✓			
Ambient Temperature		0...45° C			
Weight		370 g			
Dimensions	LxWxH	203 x 63 x 46 mm			
Housing Material		aluminium-dye cast with tripod fixing 1/4-20unc, length 8mm			