

## SMT-500

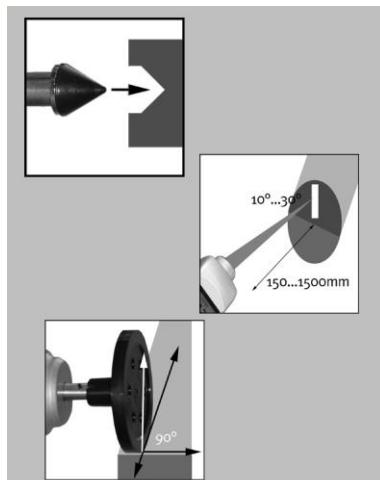
### High Precision Tachometer

#### Features

- Selectable measuring units for length, rotational- and surface speed measurement
- Rugged aluminium dye 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

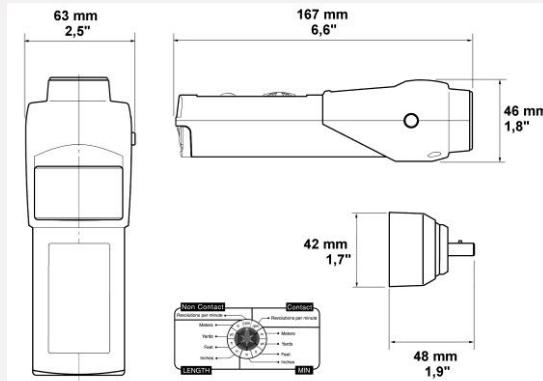


Series SMT-500 tachometers are robust precision instruments designed for frequent use for measuring revolution, surface speed and distance (length). The large LC-Display or the bright red LE-Display allows an excellent readability also at places with adverse illumination.

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

### Option

#### SMT-916 SMT-926 SMT-800

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

## Spec

### SMT-500L    SMT-500C    SMT-500CL    SMT-500CLX

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 1/4-2ounch, length 8mm	