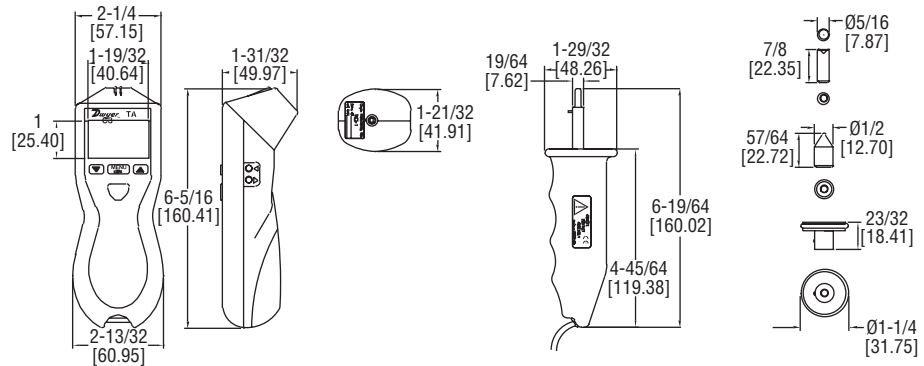


POCKET TACHOMETER

Multi-Function, NIST Certified



The **SERIES TAC3** Pocket Tachometer measures and displays rotational speed of saw blades, grinders, engines, motors, and conveyor belts. The unique ergonomic design provides direct line-of-sight viewing of display and target. Easy-to-read 5-digit alphanumeric dual LCD also displays on-target, continuous measurement, laser and low battery indication. Measurements of up to 999,999 can be viewed with the on-screen multiplier. The Model TAC3 is a 32 function tachometer/ratemeter, totalizer/counter, and timer. It is programmable to read in English or Metric units. An input socket accepts remote sensing devices and an output socket allows for pulse output to external indicating devices. The Model TAC3 can be tripod mounted and "Locked-On" for accurate and continuous operation. This tachometer also stores min, max, and last measurement in memory. Model TAC3-K Kit comes with tachometer, plastic case, remote contact assembly, concave and convex contact tips, 3.9" (10 cm) circumference contact wheel, N.I.S.T. certification, and 5' (1.5 m) of reflective tape. Optional TAC3-91 Remote Optical Sensor allows this unit to measure rps, rpm, or rph in hard to reach locations.

SPECIFICATIONS	
Accuracy: Non-contact: ±0.01% of reading; Contact: ±0.05% of reading; Timer: ±0.2 s.	Max. Measuring Distance: 25' and up to 70" from perpendicular.
Display: Dual LCD display (5 digit upper display / scrolling 5 digit alphanumeric lower display).	Ambient Operating Temperature: 40 to 105°F (5 to 40°C).
Resolution: User-selectable from 0.001 to 1 (10 above 99,999); Timer: 0.1 sec.	Power Requirements: (2) 1.5 V alkaline batteries, included, user replaceable.
	Weight: 7 oz (210 g).
	Agency Approvals: CE.

MODEL CHART	
Model	Description
TAC3	Pocket tachometer includes 12" of reflective tape and N.I.S.T. certification
TAC3-K	Pocket tachometer plus kit

MEASUREMENT RANGES			
Speed Ranges	Model TAC3	Model TAC3K	
Optical*	5 - 200,000 rpm	5 - 200,000 rpm	
Contact Tips*	N/A	0.5 - 20,000 rpm	
10 cm/12" Wheel*	N/A	0.5 - 12,000 rpm	
Linear Menu	Linear Menu	10 cm	12"
Inches/Min*	N/A	1.969 to 78,740	6.000 to 144,000
Feet/Min*	N/A	0.164 to 6,561.7	0.500 to 12,000
Yards/Min*	N/A	0.055 to 2,187.2	0.167 to 4,000.0
Miles/Hour	N/A	0.002 to 74.564	0.006 to 136.36
Centimeters/Min*	N/A	5.000 to 200,000	15.240 to 365,760
Meters/Min*	N/A	0.050 to 2,000.0	0.153 to 3,657.0
Totalizer/Counter	0 to 999,999 counts	0 - 999,999 revolutions**	
Timer (Stopwatch)	99 min, 59 sec, 0.9 sec	99 min, 59 sec, 0.9 sec	

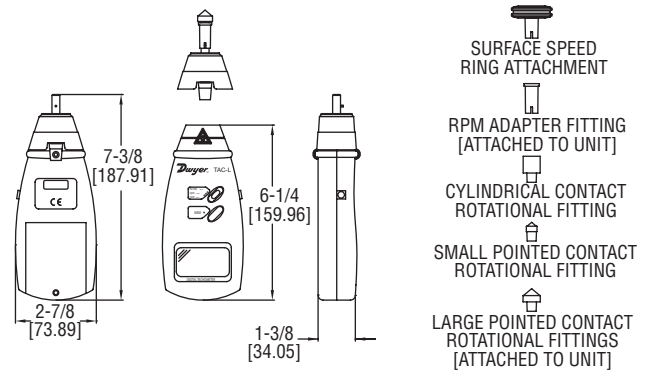
*Also reads units per second and per hour.
**Also totalizes inches, feet, yards, centimeters, and meters.

ACCESSORIES	
Model	Description
TAC2K-91	Remote optical sensor includes mounting bracket and 8' (2.5 m) cable (optional 100')
TAC-5	Reflective tape, 5' (1.5 m) roll, 1/2" (13 mm) wide
TAC3-1	Remote contact assembly for TAC3 includes 6' (1.8 m) cable, convex and concave tips and 10 cm contact wheel

MODEL TAC-L

PORTABLE DIGITAL TACHOMETER

Contact or Photo Non-Contact Operation, Backlit LCD



The **MODEL TAC-L** Portable Digital Tachometer measures rotational speed either by contacting a rotatable head to the shaft of the object or by using a photo sensor to detect the reflections from the laser. The housing is made of a strong, lightweight ABS plastic housing, which is designed to comfortably fit in the hand of the user. Supplied with this model are 3 contact rotational heads, a contact surface wheel, and a protective carrying case.

SPECIFICATIONS	
Range: Non-contact (RPM): 2.5 to 99,999 RPM; Contact (RPM): 0.5 to 19,999 RPM; Surface speed (m/min): 0.05 to 1999.9 m/min.	(0.05 to 99.99 m/min), 0.1 m/min (100.0 to 1999.9 m/min). Non-contact Measuring Distance Range: 2 to 20' (5 to 50 cm).
Accuracy: ±(0.05% + 1 digit).	Sampling Time: 0.8 s.
Display: Backlit LCD; 5 digits, 7 segments, 0.7" (1.8 cm) H.	Temperature Limits: 32 to 122°F (0 to 50°C).
Resolution: Non-contact (RPM): 0.1 RPM (2.5 to 999.9 RPM), 1 RPM (1000 to 99,999 RPM); Contact (RPM): 0.1 RPM (0.5 to 999.9 RPM), 1 RPM (1000 to 19,999 RPM); Surface speed (m/min): 0.01 m/min	Power Requirements: (4) 1.5 V AA alkaline batteries, included, user replaceable.
	Weight: 1.37 lb (.620 kg).
	Agency Approvals: CE.

- FEATURES/BENEFITS**
- Non-contact operation can record from a distance of up to 20 inches
 - Memory function recalls records since last power off
 - Large backlit LCD for visibility in dark areas

- APPLICATIONS**
- HVAC fan motors
 - Powder and bulk conveyor belts

MODEL CHART	
Model	Description
TAC-L	Contact/non-contact digital tachometer

ACCESSORIES	
Model	Description
TAC-5	Reflective tape, 5' (1.5 m) roll, 1/2" (13 mm) wide