



**Digital Handheld Tachometer**  
contact and non-contact measurement

**MT 6000**

Rel. 20180728



Features	
* Multi-function, one instrument combine PHOTO Tach. (RPM) & CONTACT TACH. (RPM, m/min., ft/min.).	
* Wide measuring range from 0.5 to 100,000 RPM.	
* The last value/max. value/min. value will be automatically stored in memory and can be obtained by pressing MEMORY CALL BUTTON.	
* High visible, insignificant zero suppression LCD display gives exact RPM with no guessing or errors and saves battery energy.	
* This tachometer used the exclusive one chip MICRO-COMPUTER LSI-circuit and crystal time base to accurately offer the high accuracy measurement & fast measuring time.	
* The use of durable, long-lasting components, including a strong, light weight ABS-plastic housing assures maintenance free performance for many years. The housing has been carefully shaped to fit comfortably in either hand.	

SPECIFICATIONS	
Measurement:	PHOTO TACH. 5 to 99,999 RPM. CONTACT TACH. 0.5 to 19,999 RPM. SURFACE SPEED (m/min.) 0.05 to 1,999.9 m/min. SURFACE SPEED (ft/min.) 0.2 to 6,560 ft/min.
Resolution:	PHOTO TACH. 0.1 RPM (0.5 to 999.9 RPM), 1 RPM (over 1,000 RPM). CONTACT TACH. 0.1 RPM (0.5 to 999.9 RPM), 1 RPM (over 1,000 RPM). SURFACE SPEED (m/min.) 0.01 m/min. (0.05—99.99 m/min.), 0.1m/min. (over 100 m/min.). SURFACE SPEED (fr/min.) 0.1 ft/min. (0.1 to 999.9 ft/min.), 1 ft/min. (over 1,000 ft/min.).
Display:	5 digits, 0.4" LCD (Liquid Crystal Display), with function annunciation.
Battery:	4x 1.5V AA (UM-3) battery.
Accuracy:	$\pm(0.05\% \pm 1 \text{ digit})$ .
Operation temp.:	0—50°C (32—122°F).
Sampling Time:	PHOTO TACH. (1 sec. over 60 RPM). CONTACT TACH. (1 sec over 6 RPM).
Size:	215x65x38 mm (8.5x2.6x1.5 inch).
Photo Tach. detecting distance:	50 to 150 mm/2 to 6 inch. (typical max. 300 mm/12 inch, depending upon ambient light).
Weight:	300 (0.66 lb)/including battery.
Test range select:	Automation
Memory:	Last value, Max. value, Min. value
Time base:	Quartz crystal.
Circuit:	Exclusive one-chip of microcomputer LSI circuit
Accessories:	Carrying case 1 pc. Reflecting tape marks (600 mm) 1 pc. RPM adapter (CONE) 1 pc. RPM adapter (FUNEL) 1 pc. Surface speed test wheel 1pc. Operation manual 1pc.

Ordering Code: 220.0.000.6000.0 (without batteries)  
Batteries: see optional accessories.

Optional Accessories and service replacement parts:

Reflective tape, 6 metres Code 220.9.000.0530.6  
Battery Mignon R 6, 1,5 V Code 400.9.000.0002.0 (4 pcs necessary) or rechargeable  
NiCd-Akku Mignon RC6, 1,2 V Code 999.0.000.0004.0 (4 pcs necessary)  
Battery charger 220 VAC for NiCd-Akkus, Code 999.0.000.1501.0