

Mini Speed PRO - CT50



Innovative Instrumentation Solutions
A unit of E Instruments Group LLC

Hand-Held Tacho-Meter

Reliable and Accurate
Easy to Use
Display of 2 Parameter Simultaneously
Protective Magnetic Rubber Boot on Request
Optical Tachometer or Contact on Request
Hold Function
Min & Max Values
Unit Selection



The tachometer model Mini Speed Pro is a portable, compact digital meter designed for simplicity and one-hand operation.

The tachometer is equipped with unique features such as a high stability, good repeatability and fast response in order to keep high accuracies of measurements at bad ambients. A phototransistor is used for measuring.

The Mini Speed Pro tacho-meter has its own dual display which continuously shows measurements, data hold, max. and min. values.

USING

- Selection of the language: (with unit switched off) press and hold "OK". Then press "ON/OFF". Press "HOLD" to confirm English and press "SELECT" for French.
- On the first line of the screen, the measure in progress appears and on the second line the kind of tachometer selected: contact or optical
- To modify the kind of tachometer, press "SELECT" until "contact" or "optical" appears. (If you are using "optical", then only "contact" will be displayed). Confirm your selection by pressing "OK".
- Units: by pressing "SELECT", scroll down the units available in air velocity and confirm by pressing "OK". Proceed the same way to validate the unit in temperature. To escape this menu, press "ESC"
- To display the min. and max. press "MIN/MAX". To come back to the measure in progress, press "ESC"
- You can hold the measure by pressing "HOLD" once. If you press "HOLD" once again, you come back to the previous menu.
- To switch off, press and hold "ON/OFF" for a few seconds.



SPECIFICATIONS

CONFORMITY : electromagnetic compatibility (norm NF EN 61326-1)
POWER SUPPLY : 1 Alcaline battery 9 V 6LR6
BATTERY LIFE: about 25h
AUTOMATIC SHUT-OFF : 30 min
WORKING ENVIRONMENT: Neutral gas
WORKING TEMPERATURE: 0 to 122°F
STORAGE TEMPERATURE: 0 to 122°F
DIMENSIONS : 5.7"x3"x1.3"
WEIGHT : 6.7 oz.
LANGUAGES AVAILABLE : French, English.
DISPLAY : 2 lines of 12 characters. Size 1.5"x0.5".
HOUSING : Shock-proof, made of ABS/PC.
KEYPAD : Made of Elastomer : 5 keys.
MEASURING ELEMENTS :
 Optical tachometry: phototransistor
 Contact tachometry: ETC type adaptor
CABLE: retractable, length 18", up to 95" when released

ORDERING CODE

Mini Speed PRO: 8922
Contact adapter: 8924
 Protective rubber boot: EE880042

	Measuring Units	Measuring Ranges	Accuracy*	Resolution
Optical Tachometer	tr/min, rpm	0 to 50000 rpm	±(1% rdg +1rpm)	1 rpm
Contact Tachometer	m/min, ft/min, ln/min	13 to 8200 ft/min	±(2% rdg +3.3 ft/min)	0.3 ft/min

* Performed in laboratory conditions, all the above accuracies mentioned in this document will be guaranteed, provided that you use the calibration compensation data or identical calibration conditions.



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