



TACHOMETERS

CT 100 O and CT 100 C



Reliable and accurate

Simple to use

Display of 2 parameters simultaneously

Selection of languages

FUNCTIONS



TACHOMETER :

- Optical revolution counter
- Contact revolution counter
- Hold function
- Min. et max. values
- Selection of units

SPECIFICATIONS

	Measuring units	Measuring ranges	Accuracy*	Resolution
Optical tachometer	tr/min, rpm, m/min, ft/min, ln/min	60 to 50 000 tr/min	±0,5% of reading ±1 tr/min	1 tr/min
Contact tachometer		30 to 20 000 tr/min 4 to 2 500 m/min	±2% of reading ±1 m/min	0,1 m/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.

TECHNICAL FEATURES

DISPLAY : 2 lines of 12 characters. Size 38 x 12 mm.

HOUSING : Shock-proof, made of ABS/PC.

KEYPAD : Made of Elastomer : 5 keys.

CABLE : retractable, length 450 mm, up to 2,4m when released

MEASURING ELEMENTS :

Optical tachometry : optical detection (phototransistor)

Contact tachometry : ETC type adaptor fitting optical tachometry probe.

Maximum shooting distance : 40 cm

CONFORMITY : electromagnetical compatibility (norm NF EN 61326-1)

POWER SUPPLY : 1 Alcaline battery 9 V 6LR6

WORKING ENVIRONMENT : Neutral gas

WORKING TEMPERATURE : From 0 to 50°C.

STORAGE TEMPERATURE : From 0 to 50°C.

AUTOMATIC SHUT-OFF : 30 min

DIMENSIONS : 145 x 75 x 34 mm

WEIGHT : 190 g

LANGUAGES AVAILABLE : French, English.

SUPPLIED WITH...

O Optional

X Included

CT 100 O

CT 100 C

	CT 100 O	CT 100 C
Optical tachometry probe Ø 17 mm, length 195 mm	X	X
Contact adaptor fitting optical tachometry probe	O	X
Reflective tape (1 m)	X	X
Transport case	X	X
Calibration certificate	X	X

ACCESSORIES

- Rubber boot protection, with magnet and holding-leg
- Reflective tape, length 1m, for optical probe



AFTER-SALES SERVICE

Kimo performs the calibration, the adjusting and maintenance of all their instruments to guarantee a constant level of quality of your measurements. Within the Quality Insurance norms, we recommend that the instruments are checked once a year.

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.

To switch on, press "ON/OFF".

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".

To modify the unit of measure, press "SELECT" until "unit" appears and then, press "OK". Scroll down the units by pressing "SELECT" and confirm your unit by pressing "OK". Press "ESC" to escape this menu.

To display the min. and max. press "MIN/MAX". To come back to the measure in progress, press "ESC".

To hold the measure in progress, press "HOLD" once. Press twice to come back to the measure.

To switch off, press and hold "ON/OFF" during few seconds.



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