

MADE IN
ITALY

★ PREMIUM QUALITY ★

pro **X** ind

— ADD TO YOUR BUSINESS —

Counter**X**Matic

Tool for measuring rpm values
of gasoline and diesel engines.



Proxind
ECO PRO



proxind.it

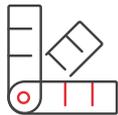
CounterX^Matic by Proxind is an engine revolutions measuring tool specifically designed for car repairers and service centres.

The latest generations of engines offer few connection possibilities for picking up speed detection signals. In order to avoid significant time losses when accessing traditional connection points, Proxind has developed a revolution counter that offers multiple possibilities and eliminates any connection difficulties.

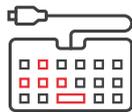
CounterX^Matic by Proxind easily and precisely detects rpm values of gasoline and diesel engines, covering almost all the circulating vehicle fleet, through more than one acquisition system. Rpm values of the motorcycle, which is the most difficult situation of measurement, is essentially detected through an antenna system. In this case, the software adapts the tool to the environmental conditions in which it operates.

ADVANTAGES

+ FULLY CUSTOMIZABLE



Private label customization



Graphic customization of the keyboard with company logo and colors



Customizable color of the container



Your brand will always be clearly visible

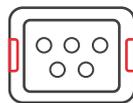
+ QUALITY MADE IN ITALY COMPONENTS

CounterX^Matic by Proxind is produced in Italy with Italian top quality components that guarantee great durability in time.

+ EASY TO USE



Easy to use also for non-experienced staff



Display menu selectable with only five buttons: MODE, ON, OFF, "NUMBERS OF CYLINDERS" and "ENGINE STROKES"

+ DETECTION METHODS

- > Detection of the revolutions with "vibration" method, through single-axis accelerometer sensor, with moving magnet
- > Detection of the revolutions with "battery ripple" from the battery tension with appropriate cable
- > Detection of rpm (and engine oil) with "EOBD method" (ISO9141, KW2000, J1850 e CAN)
- > Detection of rpm with "antenna" method

Characteristics and Accessories

HE REV-COUNTER BY PROXID INCLUDES

- 1 Single-axis accelerometer sensor, with mobile magnet.
- 2 Rechargeable batteries for its use with the 'vibration' method, with no need to be externally recharged. When in 'battery' mode, its internal batteries are recharged even if connected to a vehicle with a 24Vdc battery.
- 3 External power supply (optional).
- 4 Optional board of detection of antenna revolutions to be inserted in the rev-counter (antenna not provided).
- 5 Connection to the PC through serial port RS232 or Bluetooth class 1, pre-certified CE.
- 6 Inductive ring that transmits rpm values to any gas analyzer with inductive clamp.
- 7 Analogical exit for sending rpm values to any opacimeter with a piezoelectric input.
- 8 Integrated software in the tool in compliance with MCTCNet Version 1.0-2-0-2.1, in force since January 2014, with RSA-1024 bit encryption, as required by 2.1 Version. The software will be updated by the user directly from the Web, as required by MCTCNet2 Technical Specification (serial cable necessary for this operation).

CounterX^{Matic}

Tool for measuring rpm values of gasoline and diesel engines.



SPECIFICATIONS	TECHNICAL DATA
Dimensions of standard model:	100 x 190 x 35 mm (W x H x D)
Weight of standard model:	0.2 kg
Power supply:	from 9 Vdc to 32 Vdc
Absorbed current:	800 A to 12 Vdc
Internal battery:	N. 3 cells NiMh 1.2 Vdc
Battery life with batteries:	8-10 hours, according to the operating mode
Display:	4 rows x 16 characters
Keyboard:	Membrane with 5 keys
Operating temperature range:	from +5° to +40°C
Bluetooth:	pre-certified CE, Class 1, able to communicate up to 100 m
Metrological characteristics:	<ul style="list-style-type: none">• Conformity to the Technical MCTCNet 2 Specification concerning the machines certified by RS protocol with no Result (RC4 and RSA 1024 encryption)• 10 RPM resolution (up to 10 readings/second)• Measurement range 0-9990 RPM• Temperature measurement range from -50° to +120° C with 1° C resolution (Pt100 or Pt1000 probe)