Universal Tachometer RY3

Description

Engine temperature and **revolution detection** device that also works as a **scantool**. With this dispositive the mechanic uses a **single instrument to perform both tests**.

It is an universal rev counter deisgned for use in both **light and heavy vehicles**. Equipped with **two data acquisition systems**: **ripple battery** or via **OBD cable**. There is also the optional possibility of using it with an induction clamp or with a piezo sensor. Supports **EOBD protocols**: **ISO9141**, **KW2000**, **PWM**, **VPMW**, **CAN BUS** and the latest **WWH-OBD.**

Thanks to its interface, it can **detect data in three different ways**: through the **induction clamp** and **piezoelectric sensor**, through the **microphone and battery signal residual**, or directly from the **OBD socket** (with vehicles equipped with such protocol).

In case the detection of revolutions and motor temperature is carreid out through this last modality, the instrument allows the **test to be carried out without opening the motor hood**, since it can connect and detect data through the EOBD protocol

The **RY3** can also be used in **scantool mode**; connected to the **EOBD socket**, it works as a **parameter reader** intended for this standard, as the new emission control procedures say.

Standard Equipment

- Universal tachometer RY3
- Power supply clamps (ROM reading by curling alternator)
- Microphone
- OBD cable
- Bluetooth receiver

Technical Data and Dimensions

Connection	Bluetooth
Processor	MB90F591 16 MHz
External power supply	8 / 32 V
Gasoline detection and diesel throw vehicle battery	12 VDC and 24 VDC
Gasoline analog detection	Induction clamp
Diesel analog detection	Piezoelectric clamp
EOBD detection	ISO9141-2 ISO14230 SAE J1850 PWM SAE J1850 VPW CAN ISO11898
Operating temperature	-5 °C / +40 °C
Storage temperature	-20 °C / +60 °C
Operation humidity	10 % / 80 % w/o condensation
Dimensions and weight	155 x 162 x 63 mm 800 g