

# MGT-300 *EVO*

## UNIVERSAL RPM COUNTER FOR PETROL AND DIESEL ENGINES



SPECIAL  
**BRAIN** NEURAL NETWORK TECHNOLOGY



## MGT-300 EVO

MGT-300 **EVO** is the **NEW** rpm counter by BRAIN BEE, allowing to easily and accurately detect rpm, temperature and other related information on all petrol and diesel vehicles, also via **BLUETOOTH® CONNECTION**

With its advanced software and the combined use of multiple acquisition systems, **MGT-300 EVO** can cover nearly the entire vehicles circulating fleet (CARS and MOTORBIKES).

The graphic interface ensures user-friendly and accurate reading of detected RPM and Temperatures values, and allows the tool to be integrated with other BRAIN BEE devices showing its reading parameters.

## PERFECT INTEGRATION WITH EXISTING SYSTEMS

**MGT-300 EVO** has been designed to ensure the perfect integration within a roadworthiness test system, combined with any BRAIN BEE EXHAUST GAS ANALYSER or OPACIMETER that may already be included in the line

**MGT-300 EVO** CONNECTION WITH **AGS-688 / AGS-690 / AGS-200 / OPA-300 / OPA-100**



SPECIAL

# BRAIN - THE NEURAL NETWORK TECHNOLOGY



**MGT-300 EVO** is equipped with the special **NEURAL NETWORK TECHNOLOGY**, the application of which allows the instrument, in the course of daily use, to **identify** and **isolate** the main noise signals that could (physiologically) affect the accuracy of measurement.

Thanks to the application of this advanced technology, **MGT-300 EVO** can adapt its software parameters directly to the environment conditions in which it operates, **refining and optimizing the accuracy of the values returned**.

## EOBD CONNECTION INTERFACE

**RPM** signals can be acquired:

1. VIA **ACCELERATION SENSOR**
2. VIA **ALTERNATOR RIPPLE (BATTERY)**
3. VIA **EXTERNAL EOBD MODULE (OPTION)** connected to **MGT-300 EVO** via the handy Bluetooth connection, allows to directly acquire EOBD codes

Power supply from EOBD socket  
Standard EOBD interface  
90 x 25 x 45 mm



**TEMPERATURE** values are acquired

1. VIA **THE TEMPERATURE PROBE**

## TWO OPTIONS FOR CONNECTION TO THE PC

**MGT-300 EVO** can be connected to any PC through a **USB 2.0** connection, or by using the convenient wireless connection **BLUETOOTH®**

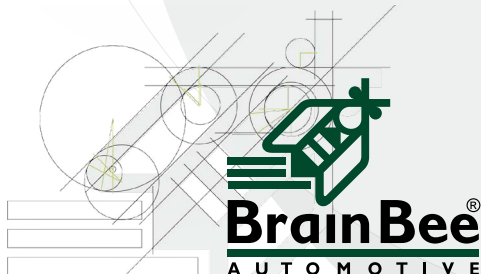
## TECHNICAL FEATURES

Measurement ranges:

Rpm	300 ÷ 9990	rpm	res. 10
Temperature	20 ÷ 200	°C	res. 1

Display	LCD Display TFT COLOR 3,5" 320 X 240 700 nit (cd/m2)
Interface	Soft Touch keypad (power on included)
Power supply	Inner Li-ion battery pack with battery charger supplied with the tool
Communications	
Data transmission	via USB 2.0 or BLUETOOTH

Overall dimensions	200 x 100 x 30 mm
Weight	385 g



**Brain Bee S.p.A.**  
Tel. +39.0521.954411  
Fax +39.0521.954490  
www.brainbee.com - contact@brainbee.com

