



IS400 RPM COUNTER

MCTC
Net 2

READY FOR FULL MCTCNET2

IS400 is the electronic rpm counter with which it is possible to obtain, quickly and intuitively, a reading of the engine rpm with Diesel or petrol cars and with trucks and 2- or 3-wheeled motorcycles. The IS400 is the essential RPM counter for testing cars, trucks and 2- or 3-wheeled motorcycles, even after the introduction of FULL MCTCNET2.

- › FULL MCTCNET2 provides for waiting times of 120 sec before it is possible to insert the engine rpm manually.
- › FULL MCTCNET2 provides for the introduction, at the same time, of the new protocol relating to the Official Tests for motor vehicles and 2- or 3-wheeled motorcycles.
- › The IS400 has been designed with consideration being given to the requirements of the Official Test Centres, such as the need to make daily work simple and fast by using an effective vibration sensor; this sensor can actually do away with the need to carry out the usual act of opening the bonnet. The engine rpm can also be read by means of the "battery" method or analysing the frequencies of the electrical noise at the battery terminals of the vehicle under inspection.
- › The IS400, in total conformity with the requirements of FULL MCTCNET2, can be connected to a PC as an external rpm counter by means of serial port RS232 or Bluetooth class 1 (100 m).



TECHNICAL SPECIFICATIONS

UNIT	
Weight	500 g
Dimensions	220 x 110 x 35 mm
Supply cable	1.8 m
Battery supply cable	4 m
Temperature probe	5 m
POWER SUPPLY	
Power supply	8 to 36 VDC
Power	18 W

ENVIRONMENT	
Operating temperature	+0 to +45° C
Humidity	30 to 90 %
Storage temperature	-32 to +55° C
Measuring range	400 to 9,999 RPM
Measuring accuracy	≤ ± 20 RPM from 400 to 2000 RPM ≤ ± 2 % from 2001 to 9,999
Resolution	10 RPM
Initialisation time	< 15 sec
Response time	≤ 0.7 sec
Updating frequency	0.10 sec
Bluetooth module	Classe 1 (100 m)



› Temperature probe



› Vibration sensor



› RPM cigar lighter cable



› RPM battery cable