Automotive Engineering 2. Measurement Systems



Fuel Consumption Measurement System

Gregory Flowtronic Sensor Series S8005

Accurate measurement of the fuel consumption of internal combustion engines with high accuracy

- · Can be used on engines with petrol, diesel, alcohol and biofuels
- Accurate and highly dynamic measurement of minimum flow rates (idle) and high volume flows (full load)
- Can be used in mobile driving tests as well as on the test bench

Specifications:

- Measuring range: 0.1 to 250 l / h
- Measurement accuracy: +/- 0.5%
- Volume resolution: 0.004 ml



Engine Tester

Bosch KTS 650

- Equipped with 1 GB RAM and 40 GB HDD
- Integrated 2-channel multimeter for voltage, current and resistance measurement
- Integrated 2-channel oscilloscope with 2 x 5 MSample/s
- Extensive test software Bosch ESI [tronic] (training version)
- · Supports all common OBD protocols



