EMISSION ANALYSER – VEA 401/ 501

The VEA-501/401 Gas Analyzer is for measuring CO, HC and CO2 in automotive emissions by the principle of non-dividing infrared absorption, measuring NO （Not for VEA-401） and O2 by the principle of electrochemical cell, calculating excessive air coefficient λ based on the composition of CO, CO2, HC and O2 measured. . It is an intellectual instrument with LCD display and English interface. Inductive RPM (engine-speed) measuring pliers, oil temperature sensor and printer are optional for measuring RPM and oil temperature, and printing measurement results.

This instrument complies with the requirements of International Measurement Rules OIML R99/1998 (E) made by the Organization of International Measurement Law (OIML) and the National Metrological Verification Regulations # JJG 688 for class-1 instruments. It is applicable for environmental departments, vehicle inspection stations, automotive manufactur

Main Features

1. Split structure, separated measuring unit and control unit for easy operation.
2. Large LCD screen, English interactive menu, with opacity reading   and light absorption coefficient.
   Reading, simple, direct and convenient operation.
3. with function of free acceleration test and measurement of transients, automatic process of test data
   And display of measuring results.
4. 15 minutes of advanced partial flow technology, measuring unit rests smoke emissions of diesel powered vehicles directly, "Scavenge air curtain" technology prevents the optical system from being polluted. With constant temperature control in the sample cell, it can avoid condensation and influence of accuracy due to change of temperature.
5. Equipped with oil temperature measurement probe.
6. Equipped with RS-231C digital serial interface for communication with external computer.
7. The performance meets the requirements of ISO1164 and GB3847-2005

Specification

Brand Name: DaTo
Product name: Emission analyzer
Color: Red + Grey
Display: Big size LCD
Response Time: Less than 10s
Warm-up Time: 10 min
Power Supply: AC220V, 50HZ
Net Weight: 6.0 Kg
Outer Dimension: 260mm (W)*180mm (H)*450mm (D)
Accessories: Micro printer
Options: DC12V vehicle power inverter