Ryme worldwide

The gas analyzer + opacimeter EIS-5000 is a modern equipment, prepared and ready to meet the requirements of UNE 82503 DIN 57411, SAE J1677 USA/Canada (opacimeter) and OIML R99 Class 1 and 0, ISO 3930, UNE 82501, bar 90, bar 97, U.S. EPA ASM (gas analyzer). Adapted to the current regulations for vehicles with dual exhaust system, and the exhaust system, and possibility of performing two measurements.

Adapted to measurements of GLP, GNC and GNL

MEASUREMENT
CO, CO_2, HC, O_2 NOx

THE ONLY DEVICE WITH
ZERO AIR GENERATOR

Main features

- High quality steel frame. Designed and manufactured to the highest level of detail.
- Robust industrial frame, using epoxy paint.
- Bluetooth wireless technology
- Wireless barcode scanner included.
- High pressure purge. Keeps internal components clean and allows for accurate results at every point of the test.
- Windows operating system. Allows continuous updating of components.
- 22″ color LCD monitor. High resolution for easy monitoring of the test.
- Graphical and numerical display of results
- Intuitive control software guided by graphic icons.
- Analyzer for 4 or 5 types of gases. Certified emission analyzer according to the California Emissions Inspection Program BAR97
- Zero air generator. We are the only manufacturer that integrates this technology into the device.
- The high quality components of the new gas analyzer EIS-5000 gas analyzer allow precise measurement during

Advantages

- Uses high quality components that guarantee high performance testing and long life for high performance testing and long life equipment for High Speed Connections.
- High Speed Connections
- The Integrated Zero Air Generator offers a solution to the need for the most cost-effective and environmentally solution to the need for the most cost-effective and environmentally friendly zero air gas.
- Environmentally friendly
- Patented Thermal Sample Cooler lowers the temperature of a sample BEFORE it enters the of a sample BEFORE it enters the system, in order to provide a long to provide long equipment life and faster, more accurate diagnostics.
- The OBDII Manual Mode allows you to verify that a vehicle is ready for inspection and provides the information is ready for inspection and provides the information needed to diagnose vehicle problems.
- High pressure purge. Keeps internal components clean and components clean and allows for accurate results at every point of the of the test.
- Windows operating system. Allows for continuous component of the components.

OBD II System integrated

Where available on a vehicle, the system will utilize Worldwide's BAR Certified OBDII Data Acquisition Device (DAD) tester to extract relevant vehicle information, including but not limited to the following:

- Vehicle VIN & Odometer Reading (where applicable, utilize this data as part of the emissions testing process);
- Software clearly displays the Engine RPM and Engine Temperature in Real-Time;
- The system compares the retrieved data with the data already on the ITL and populates the appropriates fields within the test lane software as necessary.

Integrated with the EIS5000 via Wi-Fi or USB, the DAD performs all necessary OBD functions. The screen will clearly display on the screen the target limit values for the specific test including: Engine Revolutions Per Minutes (RPM) range, minimum engine temperature, maximum CO at idle and fast idle, maximum HC at fast idle, lambda range at fast idle.

The EIS5000 will provide the examiner with a quick and clear means of identifying the engine type, and apply the correct emission test standard to the vehicle wherever vehicle specific data and emissions limits are required to conduct the emissions test.

The EIS5000 will clearly display on the screen live test data including test progress, engine RPM, engine temperature, CO, HC and lambda values. Also clearly indicated on the screen is whether each measurement is within the appropriate limit values and automatically pass or fail the test. All available data recorded from the emissions test on the EIS5000 will be automatically saved to the ITL system and be available to review at any time at any stage of the test.

All available emission test data recorded from the EIS-5000 will be automatically saved in the ITL system and will be available in the ITL system. EIS-5000 will be automatically stored in the ITL system and will be available for review at any available for review at any time and at any stage of the test.

The DAD only requires the supplied J1939 Adapter for connection to all OBD compliant vehicles.
The EIS5000 will clearly display on the screen the relevant instructions for the inspector, including the duration, how and when to increase/decrease and maintain engine speed. It will also clearly display the live test data test data, including test progress, engine RPM, engine temperature, opacity measurement for each acceleration.
opacity measurement for each acceleration. It will also display all accelerations with their measurements and the average of the last three accelerations will also be displayed.
To avoid unnecessary testing, the smoke meter test equipment will pass vehicles that have values significantly below the target limit values after less than three free acceleration cycles or after purge cycles.

The equipment shall record evidence that the test has been performed on vehicles that emitting minimum levels. The system will clearly indicate on the display whether each measurement is within the appropriate limit values and will automatically pass or fail the test, and will automatically pass or fail the test.
All data available from the smoke meter test will be stored in the smoke meter All available smoke meter test data will be stored in the ITL system and will be available for review at any stage of the test.

OBD II (D.A.D)

J1939 Adapter