

BulletPro 606 Diesel Smoke Opacimeter



Features

- Split structure, separated measuring unit and control unit for easy operation.
 - Large LCD screen with opacity reading and light absorption coefficient reading, simple, direct and convenient operation.
 - With functions of free acceleration test and measurement of transients, automatic process of test data and display of measuring results.
- With functions of License Plate Number entry, save, data view.
 - 15 minutes warm-up time, automatic zero reset.
 - With adoption of advanced partial flow technology, measuring unit tests 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.
 - Equipped with oil temperature measurement probe.
 - Equipped with RS-232C digital serial interface for communication with external computer.
 - The performance meets the requirements of ISO11614 and GB3847-2005.
 - Equipped with Micro printer, various RPM measurement sensors or adaptors, DC12V vehicle power inverter.

Technical Specifications

Measuring Range

Opacity 0~99.99%. Light Absorption Coefficient: 0.16.0m. Revolving Speed: 300~9999 rpm
Oil temperature -50 ~120 °C.

Resolution

Opacity(N): 0.1 %. Light Co-efficient Factory (K): 0.01 m.

Measurement Accuracy

Opacity(uncorrected): $\pm 2.0\%$ (abs.). Revolving Speed (piezoelectric): $\pm 1.0\%$ (rel.)

Oil Temperature: $\pm 2^{\circ}\text{C}$ (abs.)

Effective Length of Optical Path: 215mm

Equivalent Length of Optical Path: 430mm

Length of Sampling Probe: 2.5m

Power Consumption: 200W

Power Supply: AC220V $\pm 10\%$ 50Hz $\pm 1\text{Hz}$

Weight: Control unit: 5.5Kg (Including the printer). Measuring unit: 6.5Kg

Outer Dimension

Control unit: 370mm (W) 280mm (D) 220mm (H)

Measuring unit(Including the supports): 410mm (W) 215mm (D) 360mm (H)