Portable Diesel Smokemeter

KANE AUTO600

- Combining innovation & ease of use the AUTO600 is designed to meet official test standards

Applications

- The AUTO600 is a portable & re chargeable 'partial flow' diesel engine Smokemeter designed for "Continuous" & "Peak" testing of exhaust gases in diesel vehicles.
- It is designed to meet recognised standards for accuracy & repeatability for Category A (Cars & Light Commercial) & Category B (Commercial) vehicles

Measures

- Hartridge units (%H) & k (/m)

Fuel Types

- Diesel

Features

- Fully portable - AC & internal rechargeable battery with up to 3 hours run time
- Ergonomic easy to use handset
- Compact rugged housing, strong but light, easy to position for all types of vehicles
- Wireless or cable operation
- Peak measurement %Hu & /m
- Self calibration after each test maintains accuracy
- Tests can be printed using the infra-red printer (included)

Operation

- The AUTO600 takes a sample of exhaust gas through a flexible probe inserted into the vehicle's exhaust.
- The gases are passed through a tube that is illuminated by a near monochromatic visible light source.
- The obscuration of this light gives an accurate measurement of the density of the smoke emitted by the vehicle.

Contents

- Hand set, protective rubber boot, smoke unit, high temp probe, AC & 12V chargers, spare filters, manual, carry case & IR printer

The AUTO600 is ideal for:

- Vehicle Servicing & Maintenance
- Pre-compliance Testing
- Environmental Monitoring
- Fleet Operators
- PSV Workshops
- Materials Handling Operators
- Marine
- Car & Commercial Vehicle Workshops
- Agricultural Workshops
- Local Authorities

What factors effect the composition of diesel smoke emission?

The quantity and composition of diesel smoke may vary depending on:

- The quality of diesel fuel used
- The type of engine, e.g. standard, turbo or injector
- The state of engine tuning
- The fuel pump setting
- The workload demand on the engine
- The engine temperature
- Whether the engine has been regularly maintained