

OPA-300

OPACIMETER FOR DIESEL ENGINES



OPA-300

OPA-300 is the latest opacimeter module in the family of gas and fume analysis and control tools. Easy to use and designed to ensure operational flexibility, **OPA-300** is linked to the normal serial port of any PC (RS232 or RS485) and using the OMNIBUS800 proprietary software included, also guides the most inexperienced operator in his fume control operations.

Its small, compact size and 12 V d.c power supply mean it can be used as a portable tool in situations where this is necessary, held by its comfortable, ergonomic handle.

GUARANTEED MODULARITY

Like other tools of the line, the **OPA-300** opacimeter can be integrated in the different BRAIN BEE emissions control configurations, providing the end user with his own control station to meet his every requirement.

It can also be integrated in existing stations (on a Brain Bee trolley) demonstrating that restyling will not affect the performance of stations of those already working with Brain Bee tools.

OFFICIAL VEHICLE INSPECTION TESTS AND FOR BLUE QUALITY-GUARANTEE STICKER

In accordance with Decreto DM/628 and successive circulars, **OPA-300** enables you to carry out the official test in the vehicle inspection procedure.

MAIN SPECIFICATIONS:

Measuring fields:

OPACITY	from 0	to	99.9 %	Res. 0.1
OPACITY	from 0	to	9.99 m-1	Res. 0.01
REV COUNTER	from 300	to	9990 revs/min	Res. 10
OIL TEMP	from 20	to	150 °C	Res. 1
FUME TEMP	from 20	to	400 °C	Res. 1

- Light source with green LED diode
- Light receiver with photodiode
- Automatic control of measuring chamber pressure
- Stabilising of measuring chamber pressure at 90 °C
- Automatic control of glass cleaning system
- Automatic autozero
- Heating time to 20 °C -10 minutes.
- Automatic dirty glass control
- RPM and temperature reception via radio or via EOBD socket (with AD 7100 accessory)
- Serial port link RS 232
- Serial network link RS 485
- Power supply 11 ÷ 15 Volt DC
- Consumption 1A DC, 5A DC with heating on
- Operating temperature from 0 °C to 40 °C
- Dimensions 360 x 280 x 288 mm
- Weight 5 Kg

SALES STANDARD CONFIGURATION

> **OPA-300.**