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## OPA-105.PCBM: a new version smoke meter optimized for roadside tests

As roadside inspections are more and more enforced throughout the world, **Assemblad**, is progressing in its programme of optimizing its equipment for the purpose. Diesel engine-equipped commercial vehicles are under the spot of environmental protection agencies worldwide as the emissions actually produced by land transportation are supposed to be one of the heavy polluters; therefore, more and more competent authorities around the world are adopting roadside emission tests on Diesel vehicles.

Whit this being the situation, it was quite obvious for **Assemblad** to choose the Diesel smoke meter as the next equipment to optimize for roadside tests; so a special version of its OPA smoke meter, the **OPA-105.PCBM**, has recently been developed. It is built around a rechargeable battery-

operated smoke meter unit, derived from the standard OPA-105.PCB, and includes a tablet running the management software and a small portable printer, both communicating with the smoke meter unit via Bluetooth.

As it is equipped with the **Assemblad OpaKing** smoke chamber, the **OPA-105.PCBM** keeps all the characteristics of all **Assemblad** smoke meters; further than that, it has some extra features added specifically for roadside use like extended working time, improved portability and easier roadside handling. A full set of exhaust probes and adaptors make it suitable for use with whatever kind of exhaust pipe including vertical stacks. As for all **Assemblad** emission testers, the **OPA-105-PCBM** complies with all relevant international standards for Diesel smoke emission test.



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