

DIESEL SMOKE METER

Namtech-SM-054



Diesel Smoke meter

The Naman Diesel Smoke Meter is a high quality microprocessor based instrument that combines optical precision with a robust design to give long and trouble free service. The equipment allows two different measurement methods : Continuous measurement free acceleration test-average. The measuring units are opacity and K value. When the machine is switched on the internal microprocessor automatically carries out a self check and then zeros it self using clean air (auto-zero check). The measurement method is based on the absorption of visible light on a sensor which is inside the sampling chamber. The equipment can be mounted on a free moving trolley for easy mobility and incorporates a printer for RS 232 printing a record of the test result on a permanent lasting non-thermel paper. One of the most outstanding features of this equipment is its ability to operate on 220 V AC or a 12 DC vehicle battery. All the above features combined with the completely simple and comprehensive, easy-to-operate front panel makes the **Naman Diesel Smoke Meter** the best of its kind available in the country. **Naman Diesel Smoke Meter** meets with all requirements specified by the Central Vehicles Act and issuitable for use at service stations and automobile workshops for pollution checking.



TECHNICAL SPECIFICATION

Gas Sampling	Partial Flow
Zeroing	Automatic
Temperature	Gas Chamber Temperature Display
Measurement Range %	0-100 % with 1 % Resolution
Measurement Range K	0-9.99 (0.00) with 0.01 Resolution
RPM	450 to 9999 with ± 10 Resolution
Data Output	Printer / RS-232
Power Requirement	220 V, 1 Ph. / 12 Vdc
RPM	Exhaust Pipe, Piezo Sensor, Rs 232 Cable ,Electric Cable, Battery Cable, Measuring Probe - 1N0.
Optional Accessory	Trolley, Printer, Battery / Magmatic RPM Sensor

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