

EDA 500-2

High Resolution Smoke Meter



The LPA 500 (LPA with display unit) is a high performance smoke meter equipped with the latest digital technology, for a quick and accurate measurement of the emission from diesel engines. The tester utilises six clear LED-displays to show the analyzed values, with the thermal printer to provide a complete analysis of vehicle test results. Through the eight front keys the tester operates easily with simple step by step test routines, a small LED light up when you can use this key.

The LPA 500 is a high performance diesel engine analyser incorporating the very latest fully digital processing technology which can be used for passenger cars and heavy duty vehicles. This vehicles have a advanced exhaust system that possess a DOC, wall-flow DPF and SRC to reduce emissions. To detect defects in one of these components, a measuring range of 0.5 m-1 in high resolution is required. The LPA/LPA 500 has this measuring range.

The unique design and robust construction of the chamber creates a reliable smokemeter so you can measure without any problem. The LPA measures according to the light absorption principle. Equipped with an InGaN led, an accurate heating system to condition the smoke chamber and various sensors, the TEN smokemeter ensures a precise measurement. The full aluminium chamber and other A-quality components ensure a trouble free operation.

Specifications

Power:	90 - 250 Vac, 50 - 60Hz, Max. 200 W
Ambient temperature:	-10°C - 40°C
Measuring range:	0,00 - 99,99% HSU 0.000 - 9.999 m-1 0.0 - 850 mg/m3
Resolution:	0,01% HSU 0.001 m-1 0.1 mg/m3
Zero stability:	0.003 m-1
Static accuracy (filter):	<0.5%
Sample probe:	2 mtr Ø10 mm (passenger cars)
Connectivity:	3.5 mtr Ø27 mm (trucks) RS232, USB and Bluetooth