

Product Profile

Product

DPF100

Overview

The first dedicated tester to check for the minute particles which should be collected by a fully functioning DPF. The tool is much more sensitive than existing smoke meters and can easily identify a faulty or compromised DPF at idle in 30 seconds or less.

Can be operated in stand alone mode to give GOOD/MARGINAL/POOR result using the built in LEDs or with an Android tablet providing comprehensive graphical indication of DPF performance during the test.

Individual tests can be logged and printed along with relevant vehicle details when used with the tablet allowing a personalised test report to be created.

Product Images



Overall Technical Specification

Dimensions

520mm H x 650mm W x 280mm D
(including sample hose).
Stand footprint 270mm x 270mm.

Weight

8.13 Kilos.

Stand height adjustment

150mm - 450mm.

Sample hose

500mm long x 30mm diameter J20 R3 rubber.
500mm extension with coupler

Ambient operating temperature.

0° C - 40° C.

Measurement Unit Technical Specification

Operating Principle

Measurement of PM using light scattering.

Current consumption

4A at 12V DC maximum. Average current is largely determined by ambient temperature.

Particle size range

0.30µm to >10µm. Sensitivity is reduced by 50% at 0.30µm.

Sensor life

Approximately 1500+ tests. Sensor life is dependent on cumulative exposure.

User controls

START button