

WIRELESS SMOKE METER

The Standard in Information and Diagnostic Systems



DGA 2500 COMBI

VOSA Approved Emissions Analyser



Snap-on are pleased to introduce the Sun DSS 10 Diagnostic Wireless Smoke Meter as part of the DGA range of VOSA approved emissions testers.

The Wireless DSS 10 provides fast accurate testing of diesel emissions for both mandatory and voluntary test procedures.

The wireless smoke meter has an automatic standby mode which is activated if the unit is left out of the charger and is not in use, helping to preserve the battery power. When the unit is put back on the charging station the wireless smoke meter is constantly warmed up and instantly ready for use.

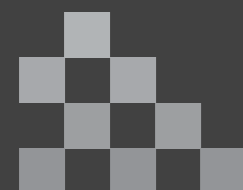
Using a powerful industry standard PC, the Sun emissions platform is expandable to allow the addition of other hardware and software options, transforming the wireless DSS 10 into a diagnostic information centre for the modern workshop.

Features

- Wireless operation with extensive operating range
- Meets and exceeds all current VOSA specifications
- Fast autocal No 7 day calibration required
- Fast pass software included
- Smart technology ensures quick operation every time
- Approved for category A&B including RPC test
- Longlife and fast charge battery
- Additional battery charger and battery available as an optional extra

Technical Specification	
Dimensions	190 x 123 x 145 mm
Weight	4.1 kg
Battery charger	115 / 230 V ~ 50 / 60 Hz (+15% / -10%)
Low voltage powerful supply	12 V DC via Ni-MH battery
Data connection	Bluetooth Class 1
Smoke density range (m-1)	0 - 9.99 m ¹
Resolution (m-1)	0.01 m ¹
Smoke density range (%)	0 - 100 %
Resolution (%)	0.1 %
Accuracy	< 1.5 %
Operating temperature	5°C - 40°C
Storage temperature	-32°C - 50°C

- VOSA approved for MoT emissions testing
- Diagnostic Wireless Smoke Meter
- Wireless RPM and oil temperature measurement
- OIML zero rated gas bench module
- Category A and B diesel smoke emissions testing
- 19" flat screen monitor
- Monochrome laser jet printer
- Powerful industry standard PC technology
- Expandable diagnostic capabilities
- Lockable storage cupboard



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Diagnostic tools, software and information for now and the future

EMISSIONS ANALYSER

With over 70 years experience in the automotive aftermarket, the Sun brand has become synonymous with quality and service with an unparalleled reputation for providing excellent value.

The Sun DGA 2500 Combi, Diagnostic Gas Analyser and Emissions platform has been developed with all the above qualities in mind, but also to provide the modern workshop with an expandable tool that can grow and develop with your business.

With fast warm up and initialisation, the DGA 2500 Combi is ready for action in a matter of seconds; and by using familiar and easy to use windows based software, the DGA 2500 Combi does not require any specialised training.

At the heart of the DGA 2500 Combi is a powerful industry standard PC, with a large 19" flat screen monitor providing the test technician with clear and easily visible information, plus a monochrome laser jet printer for hard copy print out of test results. Further use of the PC permits the storing of valuable customer vehicle information to assist in developing your business and maintaining happy customers for years to come.

The DGA 2500 Combi comes as standard with wireless RPM and Oil Temperature measurement and smoke meter, ensuring a cable free work space, plus a secure lockable storage space for other diagnostic tools and adaptors.



Features

- Flat panel 19" monitor with crisp clear graphics
- Laser printer takes standard A4 paper and low maintenance
- Bluetooth Wireless RPM and oil temperature device takes speed signal from battery or power socket
- Dell PC with DVD player, plays VOSA DVD's (speakers required, can be purchased locally)
- Optional Sun Automotive Information System from Autodata™
- Quality Lockable PC cabinet and storage area
- Easy maintenance with filters, O2 cell at a working height



Bluetooth wireless RPM and oil temperature probe

Easy to use Windows software



BET - Fast Idle Test



SAIS Software



Options of petrol or smoke as separate units

Technical Specification	
Operating temperature	5°C to 40°C
Storage temperature	-20°C to 60°C
Relative humidity	to 90% non-condensing
Maximum atmospheric pressure variation	700 – 1100 mbar
Control cabinet	
Height (including monitor)	1600 mm
Width	710 mm
Depth	650 mm
Weight	90Kgs approx.
Power supply	
Voltage	115/230 V
Range	90 – 260 V
Current	7.5/6 A
Frequency	47 – 63 Hz

Technical Specification	
Gas measurements	
O2	0% to 25%
CO	0% to 9.99%
CO2	0% to 18%
HC	0 ppm to 2000 ppm
	2000 ppm to 5000 ppm
	5000 ppm to 9000 ppm
NO	0 ppm to 5000 ppm
RPM	0 rpm to 9999 rpm
°C	0°C to 120°C
°F	14°F to 302°F
Lambda (l)	0.500 to 4.000 (calculated)
AFR	5.00 to 50.00 (calculated)

