

DGA 1800 - 96

Digital Gas Analyser



SNAP-ON SUN TECH SYSTEMS

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- **MOT approved gas analyser**
- **User friendly program**
- **Large colour monitor**
- **A4 printer**

DGA 1800-96

The Sun DGA 1800-96 is a high performance, user friendly emissions analyser for mandatory vehicle testing procedures including catalyst equipped vehicles.

Colour coded software prompts guide the technician through the test procedure, with easy to identify colour coded pass or fail results.

Software updates are operator installed via a floppy disk, and provide comprehensive data of vehicle emissions limits.

With the optional enhancement kit, the technician may complete basic sensor testing, dwell measurement, timing, volts, OHMs and frequency, making the DGA 1800-96 a versatile and flexible diagnostic tool.

Equipped with 2 RS232 serial communications ports, the DGA 1800-96 has interface capabilities with other systems, allowing maximum utilisation throughout the product life cycle.

A4 dot-matrix printer



SVGA colour monitor



FEATURES

- M.O.T approved
- Colour coded software prompts and pass fail results
- Rugged, mobile test stand
- Large SVGA colour monitor
- A4 dot-matrix printer
- Personalised reports of test results
- RPM and oil temperature measurements
- 3½" disk drive for disk based updates
- 2 RS232 serial communications ports
- Full size keyboard

OPTIONS

- Remote control
- Enhancement kit
- Magnetic timing kit
- Protective cover



Optional enhancement kit screen displays



TECHNICAL SPECIFICATION

DGA 1800-96 Standard Configuration

| | | | |
|------------------------------|--------------|----|----------------------|
| Conformance to: | OIML Class 1 | | |
| Operating temperature | 5°C | to | 40°C |
| Storage temperature | -20°C | to | 60°C |
| Humidity | 10% | to | 90%RH non-condensing |
| Atmospheric pressure | 740mbar | to | 1066mbar (operating) |
| | 530mbar | to | 1066mbar (storage) |

| Gas measurements | Range | | Absolute | |
|------------------|-------|----|----------|--------------|
| O ² | 0% | to | 21% | ±0.01% |
| CO | 0% | to | 10% | ±0.01% |
| CO ² | 0% | to | 20% | ±0.01% |
| HC | 0ppm | to | 2000ppm | ±1ppm |
| HC* | 0ppm | to | 20000ppm | ±1ppm |
| | | | | *autoranging |

| | | | | |
|------------------------|-------|----|----------|--------|
| RPM | 0/min | to | 8000/min | ±1/min |
| Oil temperature | -10°C | to | 150°C | ±1°C |

| | | |
|---------------------------|---------------------------------|--------------|
| Power supply | 220V AC at 50Hz | (+10%, -15%) |
| Monitor | 14" SVGA | |
| Overall dimensions | 1440 x 628 x 580mm | |
| Disk drive | 3½" | |
| Printer | 120cps, 9 x 9/17 x 17dpc, 80cpl | |

NOTE: All values marked thus ± refer to resolution. Accuracies are defined in metrology standards - here Organisation International de Metrologie