

lion alcolmeter® 500 *with Printer*



*... a small, simple to use, fully mobile
evidential breath alcohol system ...*

*... for use in industrial safety, medicine
and road traffic law enforcement !*

This fully portable breath alcohol system combines all the analytical capabilities of the well proven **500** with a small but powerful printer, in a convenient, go-anywhere package:

- **Easy Breath Sampling** - using a low-cost disposable mouthpiece, for simple, hygienic operation
- **Lion Fuel Cell Sensor** - for the fast yet accurate quantification of the subject's breath alcohol level
- **Large, Clear Readout** - the test procedure and alcohol reading are shown in an easy-to-use graphics display system
- **Printer** - produces multiple, tamper-proof copies of the alcohol reading, with date and time; plus spaces for operator and subject details and location to be entered by hand
- **Memory** - every breath test record is stored in memory, and can be downloaded to a PC for analysis by management
- **A Complete Package** - the product comes as a complete kit, with all the disposable and accessory items you need to get started with your breath testing program



Simple, 5-Step Operating Procedure !



1:

Switch **500** on:
auto-diagnostics



2:

Unwrap and fit a
new mouthpiece



3:

Instruct subject:
take sample



4:

Observe reading:
inform subject



5:

Printout: add
names and sign

Comprehensive Printout!

LION ALCOLMETER 500
 Instrument Serial Number: 12345
 Last Calibration Check:
 16:54 on 01/12/2011

SUBJECT BREATH TEST
 Time: 12:37:06
 Date: 01/03/2012
 Test Number: 0004

Blank Check: 0.00mg/L
 Breath Result: 0.65mg/L

 Subject Name

 Subject Signature

 Operator Name

 Operator Signature

 Witness Name

 Witness Signature

 Location



A Complete, Go-Anywhere System ...



- Fully protective carry case, measures 322 x 278 x 74mm
- Houses **500** instrument, printer, printer charger, 2 spare printer rolls, plus 10 disposable mouthpieces
- Ideal for field use
- Complete kit weighs only 1500 grams

Technical Details ...

- Fuel cell sensor: highly specific to breath **alcohol**
- Operating temperature range: 0 - 40°C
- Alcohol measuring range: 0 - 2.00mg/L BrAC
- Warm-up time: there is no heating, so no warm-up time
- Recovery time: under 60 seconds at 0.35mg/L
- Memory: around 3,000 complete breath test records
- Instrument power supply: 2 x AA cells [over 1,500 tests]
- Printer power supply: rechargeable only

Accreditations include:

- ISO.9001
- Medical Devices Directive 93/42/EEC, Annex V, Section 3.2

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