Lion Alcolmeter® SD-400 Touch

The Lion Alcolmeter® SD-400 Touch is a powerful tool for use in road traffic law enforcement, commercial health, safety programs and in various areas of medicine. SD-400 Touch is a hand-held portable breath alcohol analyzer instrument. It is some of the latest products in the range of lion alcolmeter® SD-400 family and is manufactured and tested to same.

Advance data logging function uses the icon-driven, touch screen display system or the navigation pad to enter data relating to the test, storage and print out.

U.S. DOT approved meets the United States NHTSA model specifications for evidential breath testing devices.

SD-400 Touch is a popular product, customer can request data logging field and is available in various language menu and print out.

Only Lion’s exclusive distributors are to promote, market, sell and service our instruments.

- Multi color touch screen display, size 1.8 x 2.2 inch, on screen key pad and five navigation buttons, Back-light for use at night.
- Upon customer request data logging field, 5,000 test memory capacity
- Communications port to connect and transfer data to portable printer or PC
- Automatically data storage with each test data field and ability to recall each test form instrument’s memory
- Optional feature function: GPS or Bluetooth
Simple Operating Procedure – multifunctional, full automatically

Technical Information:

Analytical principle:
Fuel cell sensor, no response to acetone and hydrocarbons, paint, glue and fume

Measuring range:
0 to 500 mg/100ml BAC (mg%)

Display:
Touch screen graphics. Self-illuminated for use at night

Memory:
Non-volatile RAM stores 5,000 test records

Power Supply:
4xAA cells give 1,000 tests

Operating temperature range:
-5°C to +45°C

Operation humidity range:
10 to 95%, non-condensing

Weight:
Approx. 400 g. (including batteries)

Dimensions:
195x80x42 mm

Breath sampling modes:
Active test using a mouthpiece, to provide a deep lung breath specimen and passive test

Response time:
20 seconds under 1 minute per subject test by passive mode “No” Warm-up time any ambient operating temperature.

Calibration period:
Every six month using either wet bath or dry gas

EMC Certificate:
Meets EN60601-1-2:2007

Vibration and Shock:
BS EN 60068-2 Test Ea and Test Fc

Case Construction:
Impact resistant PC/ABS

Other Accessories:
Disposable mouthpiece
Sampling Cup for passive mode
Handbook [Operator-English version]
Alkaline Battery “AA” type x 4 pieces
Shoulder bag or carrying case

Data-Software for data downloading

Lion Laboratories Limited
Ty Verlon Industrial Estate, Barry, Vale of Glamorgan CF63 2BE, UK
T: +44 (0)1446 724500 F: +44 (0)1446 724501 W: www.lionlaboratories.com E: sales@lionlaboratories.com
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