



— L I O N —

## 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-400Touch 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-400Touch 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/100mlBAC (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

### Accessories:

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

### Other Accessories:

- Printer kit (Dot matrix or Thermal) using with cable or Bluetooth
- Data-Software for data downloading

