



Alcohol and Drug
testing specialists



Lion Alcolmeter® 700

- Multiple Test Modes
- Pass/Fail Testing
- Analysis Test
- Screening of liquid for alcohol
- Cup pass/fail test with confirmation



Ensuring a safer working environment for over 40 years

The Lion Alcolmeter® 700 was developed to exceed the latest EN 15964 standards for police breathalysers not just DOT approved as claimed by other manufacturers. Ensuring superior accuracy and trouble free **CCMA** and disciplinary cases.

visit www.alcosafe.co.za for more information

Breath Alcohol Tester

The Lion Alcolmeter® 700 and its printer are the very latest in breathalyser technology from LION Laboratories. The Lion 700 meets the very latest European standard EN15964 for Police breathalyser testing. This involves rigorous vibration, drop, humidity and heat testing. Meeting this specification ensures that the 700 will remain accurate and reliable for many years to come. The Lion 700 has multiple modes of operation. It also has the capability of recalling any of the older tests onto its screen for reviewing or reprinting.



MOUTHPIECE TEST

Selecting this mode to blow a mouth piece needs to be placed on the top of the breathalyser. The test subject will be required to blow and long constant breath sample. The result of the test will display the exact blood alcohol concentration in bold writing on the digital screen.



CUP TEST MODE

This mode allows for a quick test to be done. There will be no physical contact with the breathalyser and the test subject. The subject blows at the cone on top of the breathalyser. The result will be displayed as **PASS** or **FAIL**. Depending on whether or not there is alcohol present in the subjects breath.



SNIFFER MODE

No mouth piece or cup is used in this mode. The operator will simply hold the top of the breathalyser above a bottle or container that they suspect has alcohol in. For example it could be held above the top of an open soft drink bottle to check if alcohol was mixed into the cool drink. The result will display **PASS** for no alcohol or **FAIL** if there is alcohol.

Printed evidence for CCMA Cases and Disciplinary hearings

Automatically prints the test records which includes:

- the time and date of the test
- the last calibration date
- the subjects result and place to write the:
 - subjects name
 - subjects signature
 - operator name and signature
 - witness name and signature
 - the location



Technical Information

SPECIFICATIONS:

ANALYTICAL PRINCIPLE: Lion fuel cell sensor, for fast accurate analysis of breath to acetone and hydrocarbons, paint and glue fumes, and non-alcoholic foods and medicines.

MEASURING RANGE: 0.02 to 2.50 mg/L BrAC

OPERATING HUMIDITY RANGE: 10 to 95%, non-condensing

WEIGHT: Approx. 160 grams (including batteries)

OPERATING TEMPERATURE RANGE: -5 C to +40 C

MEMORY: Up to 3,000 test records

DIMENSIONS: 120 x 60 x 30mm