



— L I O N —

After developing the **world's first fuel cell based breath alcohol meter over 40 years ago** and distributing **500,000 instruments** to police forces **worldwide**, Lion Laboratories brings you the

lion DS[®]-25

Breath Alcohol Ignition Interlock

- Simple to use
- Rapid warm-up
- External communication port
- Configurable to meet user needs
- Commercial or offender use
- Approvals: EN50436 Parts 1 and 2 (2014), E-mark



A Worldwide Company ... For a Safer World ...

OFFICES IN FRANCE, SWEDEN AND USA



Lion DS[®]-25 Technical Specifications

Size (Handset)

156mm x 71mm x 35mm

Weight (Handset)

150g

Sensor Technology

Electrochemical Fuel Cell

Sensor specificity

EN50436 Parts 1 and 2 (2014)

Ambient temperature (Operational)

-45°C to +85°C

Humidity (Operational)

10% to 95% RH non-condensing

Display

Automotive standard, backlit LCD

Power up time

4 seconds at 20°C
(optional power on at door opening)

Breath Sample Volume

0.7 L – 1.5L (configurable)

Recovery time after insufficient sample

<10 seconds

Analytical response time for zero alcohol

5 seconds

Recovery time at 0.35mg/L BrAC

<75 seconds

Operational Voltage

6V to 36V

Shock

EN50436 Parts 1 and 2

Data output

Via cable to PC based product specific download software
RS232 Port to external devices (eg telemetry)

Mouthpieces

HDPE. Product specific

Calibration - intervals

12 months

Warranty

2 years

Approvals

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INVESTOR IN PEOPLE

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