



— 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<sup>®</sup>-25

Breath Alcohol Ignition Interlock

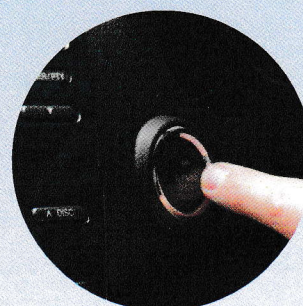
- Simple to use
- Rapid warm-up
- External communication port
- Configurable to meet user needs
- Commercial or offender use
- Approvals: EN50436 Parts 1 and 2 (2014), E-mark



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

OFFICES IN FRANCE, SWEDEN AND USA





## Lion DS<sup>®</sup>-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

EN50436 Parts 1 and 2 (2014)  
E-mark



FM25902

INVESTOR IN PEOPLE

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