

Alcolock® GB - DS-10 Handset

Technical Parameters.

Analytical principle:	Lion fuel cell sensor for alcohol analysis.
Measuring range:	0.02 to 1.00mg/litre BrAC
Breath sampling:	The DS-10 automatically samples deep-lung air.
Analytical response:	Within 15 seconds, but within 10 seconds at the 'zero' alcohol level.
Recovery time:	Less than 150 seconds at 0.5mg/litre BrAC.
Operating temperature:	-5 °C to +65°C.
Storage temperature:	-20 °C to +65°C.
Power supply:	12V/24V input to Immobiliser 5V via USB cable from immobiliser to handset
Operating Humidity:	10 to 95%, RH non-condensing.
Operating Barometric pressure range:	800 to 1,100hPa
Calibration Period:	Minimum every 6 months. (12 months under qualification)
Display:	LCD graphics dimensions 47mm x 28mm, 128 x 64 pixels, with backlighting.
Audible beeper:	Provides auxiliary warning messages.
Microcontroller:	H8/3687
Memory:	The last 5000 test results are stored in memory for later recall if required.
Memory output:	Via cable to product specific download software.
Warm-up time:	The unit will come ready in <40 seconds @ 20°C
Disposable mouthpiece:	Simple disposable easy fit HDPE mouthpiece tube.
Vibration:	Meets EN16750-3 4.1.3.2.4 (Qualification ongoing)

Drop:	Meets ISO16750-3, 4.3 (Qualification ongoing)
Software Configuration:	Various software settings may be configured using an external PC and configuration software. Check with Alcolock ® GB for updated releases.
Hardware Configuration:	The DS-10 has digital potentiometers. These are automatically set in software.
Dimensions:	150mm x 71mm x 32mm.
Weight:	150g, (Handset only)
Breath sample volume:	1.0 litres (configurable)
Automatic power down:	10 minutes (1 minute - Following a breath sample)
System approvals:	e-marked, EN 50436-2 ongoing
Warranty:	1 Year