

Alcohol Screening Terminals

ALC-605 · ALC-607 · ALC-608 — published specification, ALCOKSON by Springsky Industrial Ltd

Breath Alcohol Tester with Body Temperature ALC-605

The ALC-605 is a wall mounted alcohol screening terminal with integrated fuel cell breath alcohol detection, facial recognition, mask detection, and body temperature measurement. It is designed for fixed site access control where a person must be screened before entering a facility. The unit runs on Android 7.1, uses a super quad-core processor, and includes a 2GB RAM and 8GB built-in storage. It responds to a breath sample in 5 seconds and stores up to 20,000 test records and 10,000 registered faces. The system supports multiple units for BAC and BrAC and can be configured for local regulatory requirements. It operates on DC12V or AC 100V~240V power and is suitable for indoor use in environ

System	Android 7.1
Running Memory	2GB
Built-in Storage	8GB
Processor	CPU super quad-core Cortex-A17, up to 1.8GHz
GPU	ARM Mali-T764, supports TE, ASTC, AFBC memory compression
Sensor	Fuel Cell
Working Temperature	10°C to 50°C
Storage Temperature	-20°C to 50°C
Humidity	95% non-condensing
Dimension	32cm x 21cm x 6.5cm
Weight	1.5KG
Battery	DC12V 3A
Power Input	AC 100V~240V
Response Time	5 seconds
Units	BrAC: mg/L, BAC: g%, mg/mL, mg/100mL, or other units
Memory	10000 registered faces, 20000 test records

Key points

- Integrated fuel cell sensor provides ethanol-specific detection, avoiding false positives from mouth alcohol, smoke, or fuel vapour
- Response time of 5 seconds allows fast screening without slowing access flow
- Facial recognition and mask detection ensure the subject is present and properly masked
- Body temperature measurement adds a health screening layer for site entry
- Stores 20,000 test records and 10,000 registered faces for audit and access control
- Runs on DC12V or AC 100V~240V power, suitable for fixed site installation

Alcohol Screening Terminal ALC-607

The ALC-607 is the pole and wall mounted member of the ALCOKSON alcohol screening terminal range, alongside the ALC-605 and the ALC-608. It is the unit to ask about when the screening point is a turnstile, a lobby or a yard entrance rather than a desk. The source material we can stand behind for the ALC-607 is the product itself: we have not published a specification sheet for it, and we will not repeat the ALC-605 figures on this page as if they were measured on this model. If you need numbers on paper today, the ALC-605 and ALC-608 entries carry the full published specification for the terminal range, including the 5 second response, the 10000 face and 20000 record memory and the 32cm x 21

Specification issued per enquiry. Ask for the current datasheet.

Key points

- Mounted screening point that works without a supervisor standing at the door
- Part of the same terminal range as the ALC-605 and ALC-608 so enrolment and records stay in one system
- Datasheet issued per enquiry with the configuration that will actually ship
- Sample and site trial possible before a multi gate rollout
- Direct from the manufacturer in Shenzhen rather than through a trading intermediary

Breath Alcohol Tester with Body Temperature ALC-608

The ALC-608 is a wall mounted alcohol screening terminal that combines breath alcohol testing, facial recognition, body temperature measurement, and access control. It uses a fuel cell sensor for ethanol-specific detection, ensuring results are not affected by mouth alcohol, tobacco smoke, or fuel vapour. The system runs on Android 7.1 with 2GB RAM and 8GB storage, enabling fast processing and secure data handling. It responds in 5 seconds from the start of a breath test and stores up to 20,000 test records and 10,000 registered faces. The unit is designed for fixed-site use with a 12V DC power input and supports multiple units of measurement including mg/L, g/100mL, and mg/mL.

Sensor	Electrochemical fuel cell sensor
Operating Temperature	10°C to 50°C
Storage Temperature	-20°C to 50°C
Humidity	95%
Dimensions	32cm x 21cm x 6.5cm
Weight	1.5KG
Power	DC 12V 3A, AC 100V~240V
Response Time	5 seconds
Display Units	BrAC: mg/L, BAC: g/100mL, mg/mL, or other units
Processor	Super quad-core Cortex-A17, up to 1.8GHz
GPU	ARM Mali-T764, supports TE, ASTC, AFBC
RAM	2GB
Storage	8GB built-in
System	Android 7.1
Memory	10000 registered faces, 20000 test records

Key points

- Fuel cell sensor detects ethanol specifically, avoiding false positives from solvents or smoke
- Response time of 5 seconds keeps access flow moving during shift checks
- Facial recognition and body temperature measurement add identity and health verification
- Stores 20,000 test records and 10,000 registered faces for audit and access tracking
- Built-in access control prevents entry if alcohol or temperature thresholds are exceeded
- Android 7.1 system supports secure data handling and future software updates

Ordering

Tell us the destination market and the quantity. The alarm point and display units are set before shipment, so units arrive configured for the limit that applies at your site. Minimum order quantity, lead time and calibration route are confirmed in writing when we quote.

Email sales@alcokson.com · Phone +86 18025843168 · Room 401, Building B8, Tianrui Industrial Park, Fuyuan 1st Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Figures in this sheet are the values published for these models. Where a model has no published specification the datasheet is issued per enquiry. Minimum order quantity, lead time and price are confirmed in writing per order.