

LIFELOC FC20

PROFESSIONAL GRADE PORTABLE BREATHALYSER

FAST, SAFE AND ACCURATE BREATHALYSERS
FROM PSA AFRICA

www.psafrica.co.za

The FC20 is Lifeloc's most advanced, feature rich professional alcohol breathalyser. It is the easiest to use, most powerful and versatile alcohol tester on the market, offering a fully integrated solution for all screening and evidentiary alcohol testing requirements. It includes automatic, manual and passive testing, a standard 1000 test memory, printing capability, and full computer interface. The FC20 is available with Bluetooth as an option.

The Lifeloc FC20 operating system is built for user flexibility and is ideal for use in the security industry, health and safety, human resources, road safety and driver impairment policing.

Operation

The Lifeloc FC 20 breathalyser's menu driven-software guides users through the testing process and can be customised to specific needs. The large back lit LCD display provides excellent day or night visibility as does the full 64 character display. Users are provided with visual and audible cues, easy to understand prompts with full text alerts. The breathalyser screen displays breath flow and the alcohol curve.

The FC20 offers alcohol specific testing in several test modes, selected by the user. These are Auto, Manual and Passive modes. The Passive mode can be turned on or off. Dual trigger modes allow the user to set the instrument to test the end-of-breath sample and / or do a Precise Volume test that tests for alcohol after detecting 1.5L of breath. A breath pressure sensor ensures that the test does not activate until the subject begins blowing and there is additional security for uncooperative subjects. A double pump sampling system provides unsurpassed passive testing. The Lifeloc FC20 is perfectly suited to testing open containers as well as for rapid multiple subject testing.

The FC 20 provides rapid and repeatable testing with immediate response on negative tests and less than 10 seconds on positive results. Recovery on a negative test is immediate, and less than 30 seconds on a positive result.



160 Hours of 'on time' or up to 6000 tests.

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Features

- > Full Sized 1" Diameter Platinum Fuel Cell.
- > Double Pump Sampling System.
- > Rapid & Repeatable Test Taking.
- > Best in Class Operating Temperature.
- > Security.
- > Calibration Controls.
- > Computer Interface.
- > Data Management Solutions.
- > On-Board Memory & Printing.
- > User Selectable Test Modes.
- > Dual Trigger Modes.
- > Large Backlit LCD Display.
- > Sturdy & Rugged Design.
- > Long Battery Life.

Construction

- > Sturdy, rugged design.
- > An optional rubber grip protects the unit from damage.
- > The Lifeloc FC20 fits securely in the hand and is small enough to fit in a shirt pocket.
- > Heavy duty components and rugged case.
- > Long battery life.
- > Full sized platinum fuel cell.
- > Power saving Auto Shut-off.
- > 160 Hours of 'on time' or up to 6000 tests.

Benefits

- > Alcohol specific and provides exceptional life and accuracy to your unit.
- > Unsurpassed passive testing. Perfect for open containers. Rapid multiple subject testing.
- > Immediate response on negative. Immediate recovery on negative.
- > 32°F - 130°F (0 - 55°C).
- > Password Protection prevents unauthorized changing of calibration and / or user settings.
- > Set Calibration reminders, warnings and lockouts by the amount of time or number of tests.
- > Alcomark™ software allows you to download test results from your FC20 to your PC. Provides easy ability to sort, print, archive or chart results.
- > Multiple data entry fields for recording a unique test subject ID, user ID or location information. Fully customizable for your individual needs. New portable keyboard for easy input.
- > 1000 Test memory. Direct or Alcomark™ printing with kit configuration.
- > Auto, Manual, and Passive modes.
- > End of Breath: Test taken at end of breath sample
Precise Volume: Test taken after detecting 1.5L of breath.
- > Excellent day or night visibility. Full 64 character display. Easy to understand prompts with full text alerts. Power Saving Auto Shut-off.
- > Heavy duty components and rugged case. Fits securely in your hand, small enough to fit in a shirt pocket. Optional rubber grip protects the unit from damage.
- > 160 Hours of 'on time' or up to 6000 tests.
- > 4AA alkaline or NiMH rechargeable batteries.
- > Best in Class in operating temperatures 0 - 55°C or 32 - 130°F.

Servicing

- > Calibration equipment for the Lifeloc FC20 as well as unit supplies and accessories are available.