



FC Series Portable Breath Alcohol Testers



For over 30 years, Lifeloc Technologies has been a trusted source in professional breath alcohol testing equipment. Lifeloc's fuel cell PBTs are recognized for their precision, ease-of-use, and reliability.

The Lifeloc FC Series of portable breath alcohol testers covers the full spectrum of law enforcement use from economical screeners to roadside evidential devices. All units come standard with both passive and direct testing, and depending on the unit, include a variety of features such as extensive test memory, wireless keyboard and printer, and software compatibility.

Features

- Instant response for 0.000 BAC results, ≤ 10 seconds on positive tests
- Instant recovery for 0.000 BAC results, ≤ 30 seconds after positive tests
- Backlit display for low-light conditions
- Automatic/Manual/Passive sampling modes
- Full text prompts (no error codes to remember)
- Alcohol curve provides advance warning of positive tests
- Live breath flow graph
- Patented EasyTab™ mouthpiece eliminates operator contact with "wet" end of mouthpiece

Unit Comparison	FC10	FC10 ^{Plus}	FC20	FC20BT
Battery Status Indicator & Warnings	✓	✓	✓	✓
Long Battery Life (# of tests)	6000	6000	6000	1900
4 AA Alkaline or NiMH Rechargeable Batteries	✓	✓	✓	✓
Superior Pump Sampling	✓	✓	✓	✓
Size: 2.6" x 5" x 1.25"	✓	✓	✓	✓
Weight: 8 oz. (226 grams)	✓	✓	✓	✓
Protective Silicone Grip	✓	✓	✓	✓
Best in Class Operating Temperature 32° - 130°F (0° - 55°C)	✓	✓	✓	✓
User Selectable Test Mode	✓	✓	✓	✓
Temperature Lockout	✓	✓	✓	✓
Automatic Self Diagnostics	✓	✓	✓	✓
Auto Shut-Off	✓	✓	✓	✓
Detection Range: .000 to .600 BAC	✓	✓	✓	✓
Accuracy: $\pm .005$ to $.100$ BAC, $\pm 5\%$ between $.100$ to $.400$ BAC	✓	✓	✓	✓
DOT/NHTSA Approved	✓	✓	✓	✓
On Board Test Memory		100	4000	4000
Results Display: BAC or Pass, Warn, Fail		✓	✓	✓
Real Time Clock		✓	✓	✓
Password Protection		✓	✓	✓
Cal/Cal Check Reminder		✓	✓	✓
Cal/Cal Check Lockout		✓	✓	✓
Remaining Tests or Time before Lockout		✓	✓	✓
AlcoMark® Software Compatible		✓	✓	✓
Data Input Fields			✓	✓
Printing Capability			✓	✓
Barometric Pressure Sensor (optional)			✓	✓
Bluetooth Connectivity				✓
Wireless Printing Capability				✓
Wireless Keyboard Capability				✓

Lifeloc
TECHNOLOGIES
Breath Alcohol Testers



EASYCAL® Automatic Calibration Station



The DOT/NHTSA approved EASYCAL Automatic Calibration Station simplifies the use of your Lifeloc PBT while saving both time and money. EASYCAL is easy to use and automates every step of the calibration, cal-check, record keeping, and gas management processes. Calibration activities can now be standardized across many instruments and operators, providing peace of mind that all equipment is automatically checked and performs to the same high standard.

Features

- Reduces human error with one-touch calibration and calibration checks
- Increases productivity by calibrating units up to 5X faster than manual calibrations
- Cuts down on gas usage by up to 50%
- Supports a higher level of security when operator passwords are enabled
- Allows for up to 100 individual operators
- Stores up to 500 records before overwrite

Display	Full Color Digital LCD Resistive Touchscreen
Cylinder Size	Industry Standard 34 L and 105 L Dry Gas Cylinders*
Available Gas Standards	.04, .08, .100**
PBT Seat Sensor	Ensures Proper Device Seating
Cylinder Pressure Sensor	Automatically checks tank volume
Barometric Pressure Sensor	Automatically Corrects Altitude
Recovery Time	Immediate
Calibration Time	< 2 minutes
Calibration Check Time	< 30 seconds
Operating Temperature Range	68°F - 95°F (20°C - 35°C)
User Selectable Power Options	110/220 Volt auto-switching power supply or 4 AA Lithium Batteries
Power Save Feature	Auto Shutoff
Dimensions	Approx. 9.9" L x 8.5" W x 3.5" D (251 x 216 x 89 mm)
Weight	3 Pounds (48 ounces, 1360 grams)
Printer Communication Standard	Thermal, IR, PermAffix, and Bluetooth
Software Updates	USB
Memory	500 Records before Overwrite
Unit of Measure	BAC Standard
Date/Time	User Selectable International Date and Time Formats
Certifications	CE
Housing	Ruggedized ABS Antimicrobial Plastic
Warranty	2 years

* Due to the cylinder size, an adapter is required when using the 105 L cylinders.

**Other common standards available upon request