

Professional Breath Alcohol Testers

AlcoMate Premium™ (Model AL7000)



The AlcoMate Premium (Model AL7000) is our secondary flagship breathalyzer model to never require calibration, through the use of patent-pending "Pre Calibrated Replaceable Sensor Modules." The Premium is used by law enforcement, clinicians, professionals, and consumers seeking an accurate and rigorous breath alcohol testing solution.

Pre-Calibrated Replaceable Sensor Modules

**NO RE-CALIBRATION EVER!
Simply replace your old sensor
module with a new one, and you're
immediately ready to go!**

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Approvals / Certifications

- FDA 510(k)
- US DOT (Dept. of Transportation)
- NHTSA (National Highway & Traffic Safety Administration)
- US Coast Guard
- CE Mark
- ISO

Features

- Active Pressure Sensor
- Deep-Lung Air Sampling
- Cumulative Test Counter
- Low Battery Indicator
- Auto Power Off
- "One-Way-Flow" Mouthpieces

What is a "Pre-Calibrated Replaceable Alcohol Sensor Module"?

One of the main problems with using breathalyzers in critical applications is that the alcohol sensor, no matter what type, requires periodic re-calibration. Unfortunately, the re-calibration process requires that the breathalyzer shall be physically mailed or taken to a professional service center, at which point the device must be evaluated and proper steps must be taken for calibration with an expensive simulator system.

The process is costly for both consumer and service center, and the delay of processing and shipping back-and-forth can be quite a loss. The Pre-Calibrated Replaceable Alcohol Sensor Module can eliminate the delays and complications of re-calibration by allowing you to simply "snap out" an old module and "snap in" a new module. This way, you can get back to reliable, accurate testing in a matter of seconds!

Benefits of using Pre-Calibrated Alcohol Sensor Modules

- NO CALIBRATION EVER!
- No Delay means No Downtime
- No Residue Buildup (Which Calibration Service Cannot Remove)
- Replacing the Sensor Module means Restoring the Device as Brand New

Specifications

Alcohol Sensor	.....	Semiconductive Oxide Sensor
Dimensions	.....	108 x 51 x 19 mm
Body Material	.....	ABS Moulding
Weight	.....	3.4 oz (96 g) including batteries
Battery	.....	Two 1.5V AA alkaline (included)
Detection Range	.....	0.00% ~ 0.40% BAC
Display	.....	LED, 4-Digit Decimal Output (.000%)
Sensor Lifetime	.....	~200 Tests or 12 months, whichever comes first.
Recalibration	.....	None (Sensor Module Replacement)
Breath Sampling Time	.....	~5 seconds (Deep-Lung Air Sampling)
Sensor Accuracy	.....	+/- 0.01 at 0.10% BAC
Users	.....	Law Enforcement, Health Professionals, Corporate, Commercial, Military
Warranty	.....	1 Year