ALCOVISOR®

EVIDENTIAL BREATH TESTERS COMPARATIVE GUIDE



Jupiter

EBT Breath Alcohol Analyzer

The Alcovisor Jupiter incorporates a keyboard and printer directly into the hand-held Evidential Breath Tester, eliminating the need for multiple pieces of separate equipment, making it the most convenient device on the market.



Mecury

EBT Breath Alcohol Analyzer

The Alcovisor Mercury offers an array of user friendly functionality including touchscreen, customizable fields and wireless printing. Its robust design and non-slip coating make it ideal for use in arduous testing environments.



Mark V

EBT Breath Alcohol Analyzer

The Alcovisor Mark V delivers all the features you need to successfully perform accurate alcohol breath testing at a price that makes sense. The simplicity of one-button operation is coupled with the precision accuracy that comes with electrochemical fuel cell technology.

KEY PRODUCT FEATURES

JUPITER -

- Evidential Grade Accuracy
- ✓ Precision Fuel-Cell Technology
- ✓ Positive Airblank Lock
- ✓ 15 Minute Lock Out Timer
- ✓ On-board Printer
- ✓ Integrated Keyboard
- ✓ Adjustable Alert on Alcohol Levels
- ✓ GPS Enabled
- Rechargable Li-Ion Batteries
- ✓ Saves 65,000 Test Records
- Ejectable Mouthpiece
- ✓ Stylus Pen for Touch Screen Use

MERCURY -

- ✓ Wireless Bluetooth Printer
- ✓ Data Input Capability
- Ejectable Mouthpiece
- Adjustable Alert on Alcohol Levels
- ✓ Saves 16,000 Test Records
- ✓ USB PC Connection
- Calibration & User Settings Password Protected
- ✓ Non-slip Secure Grip

MARK V -

- Evidential Grade Accuracy
- ✓ Precision Fuel-Cell Technology
- ✓ Unique Compact Design
- ✓ 1-Button Test Operation
- ✓ Visibility in Low-Light Conditions
- Calibration & User Settings Password Protected
- ✓ Saves 10,000 Test Records
- Easy Mouthpiece Insertion

SPECIFICATION	JUPITER	MERCURY	MARK V
Sensor	Platinum Electrochemical Fuel Cell	Platinum Electrochemical Fuel Cell	Platinum Electrochemical Fuel Cell
Working Temp	15° F to 122° F (-10° C to 50° C)	15° F to 122° F (-10° C to 50° C)	23° F to 131° F (-5 to +55° C)
Storage Temp	-13° F to 158° F (-25° C to 70° C)	-13° F to 158° F (-25° C to 70° C)	-13° F to 158° F (-25 to 70° C)
Size	19.5cm x 7.9cm x 3.5cm	13.9cm x 6.3cm x 3.8cm	2" x 5.5" x 1" (51mm x 140mm x 25mm)
Weight	433 grams including battery (less than 1 lb)	254 grams including batteries (.56 lb)	.43 lbs (195 grams)
Battery Life	Over 500 tests (over 100 with printouts)	500 tests	Not less than 500 tests
Battery	7.4V 1800mAh rechargeable lithium battery	4 AA Batteries	4 AAA Batteries
Display LCD Size	3.2" TFT color touch screen (65,000 colors)	2" TFT color touch screen (65,000 colors)	2" x 1.5" (5cm x 4cm) - Auto backlite for night use
Sampling System	Automatically/manually takes a deep lung sample	Automatically/manually takes a deep lung sample	Automatically/manually takes a deep lung sample
Passive Mode	Screening cup provided	Screening cup provided	NA
Detection Range	From 0.00% BAC to 0.40% BAC	From 0.000% BAC to 0.400% BAC	From 0.000 to 0.400% BrAC
Accuracy	Meets DOT specs of +/- 0.005% BrAC up to .100% BrAC and +/- 5% above to 0.100% BrAC	Meets DOT specs of +/- 0.005% BrAC up to .100% BrAC and +/- 5% above to 0.100% BrAC	Meets DOT specs of +/- 0.005% BrAC up to .100% BrAC and +/- 5% above to 0.100% BrAC
Memory	65,000 test records including all information	16,000 test records including all information	Save up to 10,000 test results. Upgrade option available



