

# BIO-X

## Breathalyzer

### OVERVIEW

The Bio-X Breathalyzer is one of the newest, cost effective and most innovative fuel cell breathalyzers with pinpoint accuracy on the market. The Bio-X Breathalyzer Is used in all industries across the world, from police departments to industrial sites, due to their extreme accuracy and ability to accuracy over several thousand tests (Screening mode).

The Bio-X Breathalyzer offers the user to perform a fast, rapid Screener test using a re-usable Sampling Cup OR a Standard Test using a disposable mouthpiece for a more accurate digital reading. The Bio-X Breathalyzer is extremely easy to operate; simply press the "On/Off" button, navigate to the Screener test icon indicated top left, then attach a sampling cup OR select the Standard test icon on the top right, attach disposable mouth piece then administer a breath sample.

Need to store the results on a PC or immediately after a test? Collecting evidential reports has never been easier! Simply purchase either the Bio-X Breathalyzer with Printer or your copy of Bio-X Breathalyzer Software with USB Cable (optional). You can print your records using the Thermal Printer OR download your results onto a PC. The Thermal Printer can be bought individually at a later stage.



Alcohol  
Detection

<b>Sensor</b>	Electrochemical Fuel Cell
<b>Working Temperature</b>	-10°C to 50°C
<b>Storage Temperature</b>	-20°C to 70°C
<b>Storage Humidity</b>	Not greater than 95%
<b>Size</b>	150mm x 70mm x 35mm

<b>Weight</b>	255g with batteries
<b>Battery</b>	4 AAA alkaline batteries
<b>Battery Life</b>	Not less than 500 tests
<b>Memory</b>	2,000 tests records
<b>Display</b>	2.4" TFT colour screen
<b>Response Time</b>	Less than 5 seconds
<b>Sampling System</b>	Automatically or manually take a deep lung sample
<b>Clock</b>	Real time clock
<b>Self-diagnostic test</b>	Performs self-diagnostic test during start-up
<b>System Checking</b>	Automatically performs a blank test prior to each Standard test to ensure fuel cell is free from alcohol vapour
<b>Calibration Information</b>	Date of last calibration displayed on main screen
<b>Units of Measure</b>	BrAC: mg/L, or any other units Bac: grm%, mg/ml, mg/100ml, or any other units
<b>Detection Range</b>	0.000 mg/L to 3.000mg/L
<b>Accuracy</b>	0 to 0.100% BrAC +/-0.05% 0.100 to 0.200% BrAC +/-5% >0.200% BrAC +/-10%
<b>Measuring Modes</b>	Active and Passive
<b>Connection</b>	USB
<b>Printer</b>	Thermal Printer (Optional)
<b>Software with USB Cable</b>	Download records onto a Windows PC (Optional)

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