

# MARK X

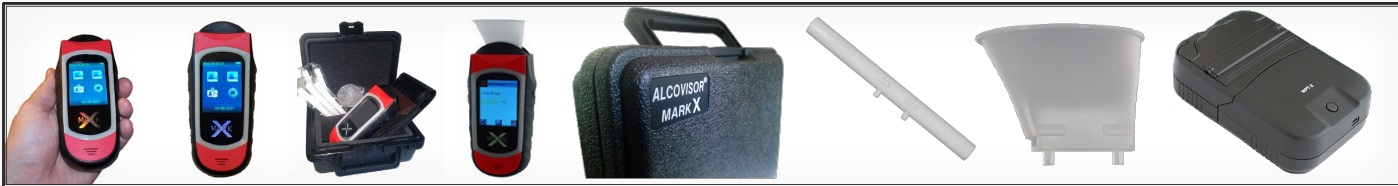


The **Alcovisor Mark X** is one of the newest, cost effective and most innovative fuel cell breathalysers with pinpoint accuracy on the market. The **Alcovisor Mark X** is used in all industries across the world, from police departments to industrial sites, due to their extreme accuracy and ability to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

The **Alcovisor Mark X** 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 Mark X 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 **Alcovisor Mark X with Printer** or your copy of **Mark X 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.



## | KEY FEATURES |

- Screener mode for use with a sampling cup
- Evidential mode using a disposable mouthpiece
- 4 X AAA Batteries included
- Advanced Electrochemical (Fuel Cell)
- Smart individual carry pouch - separate to hard case
- 16,000 Test Memory and Recall (For Evidential Mode)
- TFT Full Colour LCD Screen (backlight for day or night testing)
- One-Year Warranty
- The Alcovisor Mk X offers quoted accuracy levels of:  
+/- 0.005 mg/ml up to 1.00 BAC (Meets DoT accuracy requirements)  
+/- 5% above 1.00 mg/ml
- Blank test - prior to Standard Test to ensure fuel cell is free from alcohol vapour
- Self-diagnostic check during startup
- Date of last calibration displayed on Home screen

**Need to print your results?  
Use the Alcovisor Mark X with  
Thermal Printer**





## | Technical Specification |

Sensor	Electro-chemical Fuel Cell
Working Temperature	-10 °C to 50 °C
Storage Temperature	-20 °C to 70 °C
Storage Humidity	Not greater than 95%
Size	150mm x 70mm x 35mm
Weight	255g with batteries
Battery	4 AAA alkaline batteries
Battery Life	Not less than 500 tests
Memory	16,000 tests records
Display	2.4" TFT colour screen
Response Time	less than 5 seconds
Sampling System	Automatically or manually take a deep lung sample
Clock	Real time clock
Self-diagnostic test	Performs self-diagnostic test during start-up
System Checking	Automatically performs a blank test prior to each Standard test to ensure fuel cell is free from alcohol vapour
Calibration Information	Date of last calibration displayed on main screen
Units of Measure	BrAC : mg/L, or any other units Bac : grm%, mg/ml, mg/100ml, or any other units
Detection Range	0.000 mg/L to 3.000mg/L
Accuracy	0 to 0.100%BrAC +/-0.05% 0.100 to 0.200%BrAC +/-5% >0.200%BrAC +/-10%
Measuring Modes	Active and Passive
Connection	USB
Printer	Thermal Printer (Optional)
Software with USB Cable	Download records onto a Windows PC (Optional)