

MERCURY BREATH ALCOHOL ANALYSER



The Alcovisor Mercury breathalyzer uses a long term stability platinum electrochemical sensor (standard in police issued breath testers) to measure the concentration of alcohol from the sample of the expired breath from a human subject. Having a high specificity to alcohol, the fuel cell is not influenced by acetone or other breath substances. The long term stability of the sensor means you can count on accurate results. The Mercury offers both passive and direct sampling. It can display the breath alcohol reading in any of the commonly used units of measurement e.g. ug/100ml/promile, mg/L, % BAC, mg/100ml, mg/ml etc It is equipped with a mouthpiece ejection feature (no contact with saliva), a LED light for mouthpiece insertion. A hard plastic case is included for storing the device and accessories for easy transport. Included with the pack is a compact wireless Bluetooth printer module. The thermal printer WPT-2B allows a hard copy printing of test results when breath sample evidence is required. Test results can be printed immediately on the printer or from the Alcovisor Mercury memory at a later time. The Mercury breathalyser is DOT/



Technical Data Sheet

Sensor	Fuel Cell
Working Temperature	-10°C to 50°C
Storage Temperature	-25°C to 70°C
Battery Life	3000 Tests
Battery	4 AA alkaline batteries
Display LCD Size	2.4" TFT colour touch screen
Weight	256g included batteries
Size	145 x 66 x 33 mm
Sampling System	Automatically or manually take a deep lung sample
Optional Power	Supply 12 volt car adapter or AC 6 volt adapter
Clock	Real time clock
Units of Measure	BrAC: mg/L, or other units BAC: grm%, mg/mL, mg/100mL, or other units
Detection Range	0.00% BAC to 0.63% BAC (Can be modified)
Accuracy	0 - 0.10%BAC: ±5% 0.10 - 0.15%BAC: ±8% 0.15 - 0.63%BAC: ±10%
Memory	16,000 tests records including all information
Connection Port	USB
Printer	Bluetooth printer: Thermal or DOT Matrix
IP Rating	P54
GPS (Optional)	±5M



Wireless Print

- Size: 12cm x 8cm x 3.5cm
- Weight: 200g with battery
- Battery: 7.4V 2,000mAh NI-MH rechargeable battery
- Battery Life: 300 printouts
- Thermal paper size: 5.7cm X 560cm
- Other Features: Easy-load paper

BLUETOOTH PRINTER Hard Case



BLUETOOTH PRINTER Model:WPT-2R

Approval



US DOT Evidential
Approval



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