

# **TOXITEST™** **BREATH ALCOHOL SIMULATOR**

**TOXITEST™** is a breath alcohol simulator which has been designed to provide a known air - alcohol mixture of precise concentration according to the standard solution used in order to calibrate or check-calibrate breath alcohol testing instruments.

## **DESIGNED FOR THE FIELD**

The standard solution used in the **TOXITEST™** is specially formulated to have an ethyl alcohol concentration, which will impart to the air an ethanol concentration equivalent to the calibration set point of the breath alcohol-testing instrument being used.

The **TOXITEST™** unit heats and agitates the solution to keep it at constant temperature as indicated on the reference thermometer.

It thermostatically controls the temperature of the standard solution at  $34 \pm 0.2$  °C which is equivalent to mouth temperature to provide a simulated breath sample of like density and composition.

## **TOUGH AND DURABLE UNIT**

The **TOXITEST™** is constructed of medical grade plastic and stainless steel to provide chemical resistance with anti-corrosion characteristics for lifetime use. Extensive internal sealing provides leak resistance.

Tripod legs provide stability and prevent tipping of the unit during use. Convenient screw knob fastens the solution container (jar) to the top of the unit. A fill line is molded into the solution container to provide a proper liquid level.

Air-In & Vapor-Out markings are properly indicated.



## **USING THE TOXITEST™**

When the **TOXITEST™** unit reaches operating temperature the ready light illuminates.

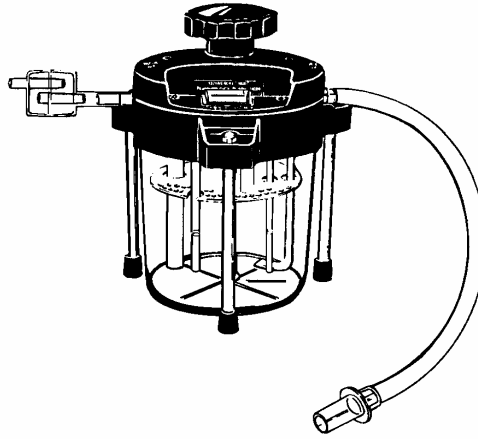
Simply pass air through the inlet hose to produce a proper sample of air - alcohol mixture for analysis by the breath alcohol-testing instrument to compare with the expected value for the standard solution being used.

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## **Alcohol Countermeasure Systems Australasia Pty Limited**

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# TOXITEST™ Breath Alcohol Simulator



## Specifications

Size:	20.5 cm x 17.5 cm [h x d] (8.0 in x 6.7 in)
Weight:	1000 grams (2.5 lbs)
Standard Solution Volume:	500 mL
Operating Temperature:	34 ± 0.2°C
Warm Up Time:	15 minutes
Indicators:	Ready Lamp Reference Thermometer
Tube Markings:	Air In and Vapor Out
Power Switch:	On/Off
Operating Voltage:	AC 115 or 230 volt mains
Current Draw:	0.4 Amps
Certification:	Special CSA Inspection
Compliance:	Meets US DOT requirements
Trade Mark:	TOXITEST is a trade mark of CMI/MPD, Inc.
Complete Package:	Inlet hose and Round Mouthpiece. Outlet hose and Square Mouthpiece. Manual

## Warranty

TOXITEST™ breath alcohol simulators are warranted to be free from defects in workmanship and material for one year from the date of shipment.

Alcohol Countermeasure Systems agrees to replace or repair any unit or part that in its judgment is found to be defective, providing that the defect has not been caused by misuse or mishandling. Units in warranty must be properly packaged and shipped *prepaid* factory authorized service facility.

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