

Wall Mounted Breathalyser



Features

- Designed and manufactured in Australia
- Australian Standards certified for a period of 12 months
- Automatic self-calibration with internal reference gas
- High throughput - 10 seconds test to test
- User programmable scrolling messages
- Configurable via PC program or internal menu
- Data logging functionality with download via PC program
- Steel case for extra security
- Separate mounting bracket for easy installation
- Internal straw holder with locking mechanism
- Coin box and service access with separate locking mechanism
- High visibility display
- Easy to follow instructions on screen and front of case
- Automatic compensation for changes in atmospheric pressure
- Highly configurable for access control integration
- Optional user identification and validation
- Optional email and Internet connectivity
- Optional printer or coin mechanism
- Optional built in camera for user identification

The AlcoMeasure WM1 is an industrial grade wall mounting breathalyser that has been specifically designed for high workplace throughput and high accuracy. It provides integration with access control systems, optional email alerts and internet connectivity, or vending for hospitality.

Specifications

Size and Weight	Height: 535 mm Width: 380 mm Depth: 135 mm Weight: 13.5 kg
Power	85 – 264 V AC, 47 – 63Hz, 20W max consumption
Sensor	Alcohol specific Honeywell electrochemical cell
Total Test Time	10 seconds at 0.000g/100mL with fast recovery enabled (default)
Response Time	3 seconds at 0.000g/100mL
Recovery Time	4 seconds at 0.000g/100mL, 50 seconds at 0.100g/100mL
Operating Temperature	0 – 48 °C, relative humidity 0-95% non-condensing Optimal environment is air conditioned at approximately 24 °C
Units of Measure	User selectable: g/100mL (default); % BAC; Promille w/w; Promille w/v; mg/mL; g/L; mg/100mL; µg/L; µg/100mL; mg/L; g/210L; g/230L
Measurement Resolution	Increments of 0.001 g/100mL
Detection Range	0.000 – 0.400 g/100mL
Accuracy	Better than ±0.005 at 0.000 to 0.050 g/100mL Better than ±0.010 at 0.100 g/100mL
Sample Volume	1.1 L
Calibration	Certified for a calibration period of 12 months Auto-calibration will occur every 24 hours, skipping up to 1 calibration if low usage is detected
Display	Sunlight-readable 17 character LED display, 280mm x 18mm
Connectivity	3 x RS232 serial ports 1 x USB Mini-B connector 1 x USB Standard-A (Firmware Update Only) 1 x Ethernet connector 1 x SD Card holder (FAT32)
Certifications	AS 3547 - 1997 Breath Alcohol Testing Devices for Personal Use AS/NZS 31000 – 2009 Approval and test specification – General requirements for electrical equipment AS/NZS 61000.6.3 – 2007 Electromagnetic compatibility (EMC) – General standards – Emissions standard for residential, commercial and light-industrial environments

Manufacturer

Manufactured in Australia by All-Systems Electronics Pty. Ltd.
Website www.all-systems.com.au

Distributor

Distributed in Australia by Breathalyser Sales & Service Pty. Ltd.
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Website www.breathalyser.com.au

Ordering Information

To order, call or email Breathalyser Sales & Service.

Part Number	Description
WM1 Standard	The standard WM1 model
WM1 Live	WM1 model with Ethernet connectivity for email or internet access, fitted with keypad
WM1 Evidential	Evidential style model. Comes fitted with printer, keypad and evidential test mode
WM1 Vend	Vending model. Comes fitted with universal, user configurable, coin mechanism
Live Option	Ethernet connectivity for email or internet access can be added to any WM1 model
Keypad Option	Keypad can be added to any WM1 model
iButton Reader Option	An iButton reader for user identification can be added instead of a keypad
iButton key fob	iButton key fob for issue to employees
RF IDEas pcProx Card Reader Option	Proximity card reader for user identification
Alarm Beeper Option	Beeper that sounds when a high reading is obtained
Camera Option	Front-mounted camera for enhanced user identification

Dimensions

