

# Centurion Breathalysers

## Quantum and Zero Tolerance



Rapid, high volume  
mouthpiece or passive  
testing



Compatible with  
AlcoCONNECT™ Live



Easy modular  
exchange calibration



AS3547:2019 Certified  
(Quantum only)



Low cost maintenance  
and operation



Multiple connectivity  
and output functions



**Centurion**  
quantum

**Centurion**  
zero tolerance

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# The Centurion Quantum is the fastest, most accurate mouthpiece Wall Mounted Breathalyser.

## Product Comparison

Centurion Quantum is a wall mounted breath tester providing BrAC results certified to Australian Standards AS3547:2019. Centurion Zero Tolerance uses the same device framework but with a different sample system to provide a passive test result.

COMPARISON	Quantum	Zero Tolerance
Users	Industry with BrAC requirements	Industry with zero tolerance
Australian Standards Certified AS3547:2019	✓	✗
Australian Standards Certified AS3547:1997	✓	✓
Made in Australia to ISO:9001 Standards	✓	✓
Premium Grade Platinum, electrochemical fuel cell	✓	✓
Module Exchange Calibration	✓	✓
Calibration Period	12 months	6 months
Printing options	✓	✓
Results download	✓	✓
Compatible with AlcoCONNECT Data Management	✓	✓
Test Type – Active Mode (using mouthpiece)	Use straw	✗
Passive Test	N/A	✓
Test Type	BrAC	Passive
Power Source	240V power supply	240V power supply
Data log capacity	10,000+ tests	10,000+ tests
Analysis Time for Zero Result	1 second	1 second
Analysis Time for 0.050 Result	5 seconds	5 seconds

## Why choose Centurion?



### MAXIMUM AVAILABILITY WITH MODULAR CALIBRATION

Centurion is the only wall mounted breath tester on the market today with Alcolizer's patented modular calibration system. The system enables calibration to be conducted on site in 60 seconds – increasing the units' availability for testing and minimising downtime.



### FAST AND FLEXIBLE OPERATION TO SUIT YOUR ALCOHOL TESTING NEEDS

The compact, robust Centurion uses mouthpieces or passive testing to process workers quickly, providing the opportunity to test 100% of the workforce before they enter your site. Operating 24 hours a day in conditions from -10°C to +55°C\*, processing up to 360 workers an hour, Centurion provides instant response time on zero BrAC readings.



### EXCELLENT CONNECTIVITY AND OUTPUT FUNCTIONS

Configurable from simple self-test stations through to fully integrated staff management systems. Centurion can send email when exception tests occur; action gate access; direct employees should they fail a test; integrate with site management systems and deliver relevant data, live to management.



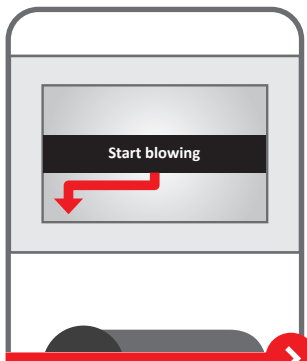
### SERVICE AND SUPPORT

Centurion is Australian designed, manufactured and fully supported worldwide. Our AlcoCARE™ program and factory trained technicians support your equipment in the fastest, most cost effective manner for you.

\*Applies to Centurion Quantum

Proudly designed, developed and made in Australia. Alcolizer Technology is an ISO 9001:2015 Certified company.


## How the Centurion Quantum Breathalyser works



**STEP 01**

It is recommended the subject **not consume food, drink or smoke 15 minutes prior to taking a test.**

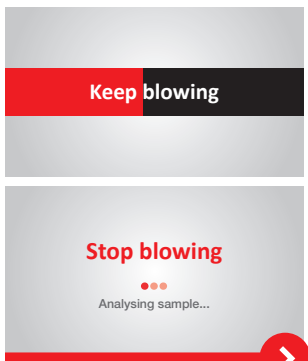
The instrument is ready to receive a breath sample at any time – follow the screen prompts to begin.



**STEP 02**

Take a straw from the straw holder.

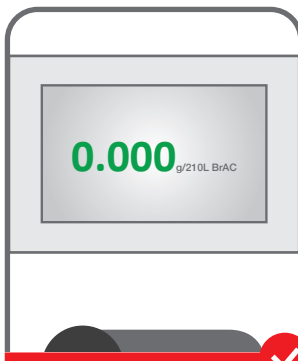
Place the straw into the black circular Sample Port located below the screen.



**STEP 03**

Take a deep breath and blow steadily into the straw. Follow the screen prompts until the screen displays **'Stop blowing'**.

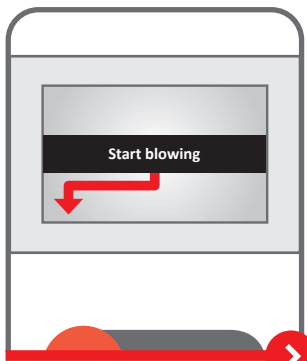
You will hear clicks and a long beep – the test is then complete.



**STEP 04**

**Green numbers** indicates that alcohol is not present. **Orange numbers** indicate that alcohol is present but currently under locally accepted BrAC levels. **Red numbers** indicate that alcohol is present and currently over locally accepted BrAC levels.

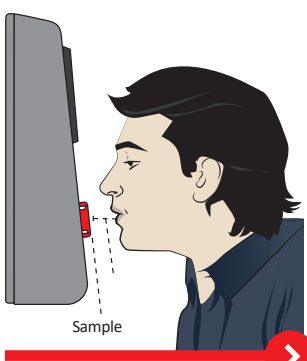
## How the Centurion Zero Tolerance Breathalyser works



**STEP 01**

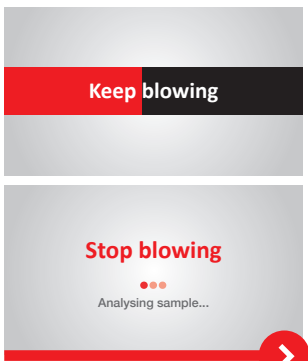
It is recommended the subject **not consume food, drink or smoke 15 minutes prior to taking a test.**

The instrument is ready to receive a breath sample at any time – follow the screen prompts to begin.



**STEP 02**

Stand directly in front of the instrument so that your mouth is 50mm away from the red sample port. Do not place your mouth on the port.



**STEP 03**

Take a deep breath and blow steadily into the straw. Follow the screen prompts until the screen displays **'Stop blowing'**.

You will hear clicks and a long beep – the test is then complete.


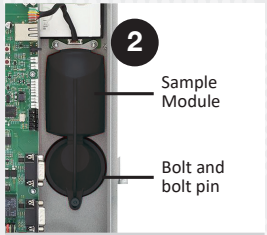
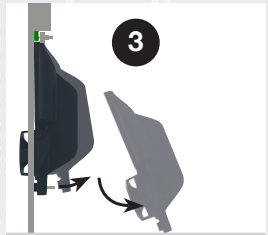
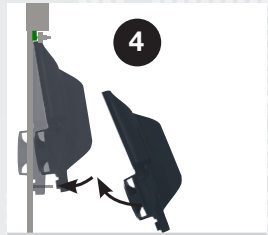



**STEP 04**

**'Alcohol Not Detected'** displayed in green indicates that alcohol is not present.

**'Alcohol Detected'** displayed in red indicates that alcohol is present.

# Centurion On-site Sample Module Exchange Calibration

 <p><b>1</b></p>	 <p><b>2</b></p> <p>Sample Module Bolt and bolt pin</p>	 <p><b>3</b></p>	 <p><b>4</b></p>	 <p><b>5</b></p>
<p>Every 12 or 6 months, Alcolizer will send a calibrated replacement Sample Module.</p>	<p>Turn the unit off. Open the back of the unit and locate the Sample Module.</p>	<p>Unscrew the bolt. Angle to lift off the bolt pin. Lower slightly then pull the Module out.</p>	<p>Push the replacement Module up, then in. Tighten the bolt. Do not over tighten.</p>	<p>Return the expired module back in the supplied post bag.</p>

## Accessories Available

 <p>740260 Alert Upgrade Kit Light &amp; Buzzer</p>	 <p>713010 Centurion Camera Upgrade</p>	 <p>740385 Modem Router, Wireless 4G LTE</p>	
 <p>741335 Keypad</p>	 <p>741300 Barcode Scanner Upgrade</p>	 <p>741270 Multi Format USB Reader Upgrade</p>	
 <p>711110 Wiegand Upgrade Kit</p>	 <p>720211 Epson TM-T82III</p>		

# AlcoCONNECT

data management

The ideal tool for Safety and Business Managers seeking real-time mobile enhanced test results.

## MOBILISE YOUR DRUG & ALCOHOL TESTING PROGRAM

- ✓ Maximise compliance with photo evidence and GPS
- ✓ Fast and Easy to input test events and donor details
- ✓ Electronic data Security and reduced errors
- ✓ Supervised or unsupervised testing
- ✓ Synchronise to AlcoConnect Live



AlcoCONNECT data management

AlcoCONNECT mobile

Result (Displayed)  
Result (0.00 g/100ml)  
Serial Number: 61440016  
Area Code: 0000000  
Record Created: 2/03/2018 1:02 PM  
Location: 31.86380° S 115.81680° E  
Automatic Captures

Alcolizer technology



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