



✓ **Law Enforcement. Platinum Electrochemical Sensor**

✓ Latest 2024 technology ✓ Unprecedented testing speed via touchscreen

✓ AS3547:2019 + A1:2021 Certification ✓ Photo verification compliance ✓ Calibration required every 18 months

What is the SHIELD Breathalyser?

Ideal Application: Maximum compliance for commercial testing

The SHIELD is the latest 2024 generation New Zealand Workplace & Law Enforcement Breathalyser. It amalgamates the Passive and Active testing modes with touchscreen technology to offer unprecedented testing speed and accuracy.

The SHIELD Express Identity variant supports photo identification for maximum compliance.



Why use the SHIELD Breathalyser?

- ✓ **SHIELD Productivity Increase:** Reduced risk and downtime (420% faster)
- ✓ **Warranty:** 3 years
- ✓ **Multiple Testing Modes:** Passive, Active, Manual Override
- ✓ **Photo Identification:** 100% subject verification (SHIELD Identity model)
- ✓ **Colour Touchscreen:** Unprecedented testing speed
- ✓ **Data Management:** Download and manage via PC & Mobile Toolbox App
- ✓ **Protective Casings:** Includes FREE rubber cover + FREE hard carry case
- ✓ **GPS:** Automatic location stamp attached to every test record
- ✓ **Internal Memory:** CPU stores up to 16,000 internal test records
- ✓ **Customisable:** Tailor test record fields to suit your business

TESTING MODES

Passive Testing

Enables fast and non-intrusive testing. Results show either a pass (green) or fail (red) by taking a sample of the subject's breath when they talk into the sampling cup.

Active Testing

If the passive test detects alcohol, fit a mouthpiece and conduct a breath test to determine the subject's actual BAC.

Manual Override

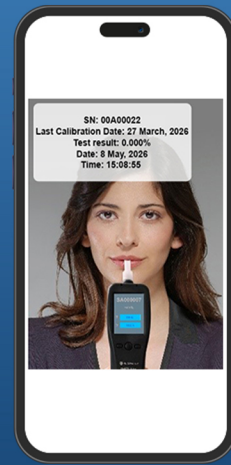
Take a snapshot test when the subject deliberately fails to provide a proper breath sample.



PHOTO IDENTIFICATION

For completely business protection and certainty,
photo identification is a necessity.

Seamlessly connect your SHIELD Express Identity with the FREE App.
This feature enables your SHIELD to function as a camera, with all test data
embedded in the photo to support maximum compliance.



Your SHIELD comes with:

- Rubber protective cover
- Hard carry case
- 12v emergency power cord
- USB download cable
- 4 x AA Energizer batteries
- 5 x wrapped mouthpieces
- 1 x sampling cup

Get yours now!

SHIELD Express Touch

\$913.00 + GST

SHIELD Express Identity

\$1,174.00 + GST

Fastest Technology. Increased Productivity

SHIELD incorporates the latest technology for unprecedented testing speed. If you have ever used a button-only breathalyser, you will instantly know the difference when you pick up a SHIELD.

Independent testing gives the SHIELD touchscreen breathalysers an average of +40 seconds (+450%) a per-test speed advantage over conventional breath screening devices.

The SHIELD breathalyser gives an average speed increase of 2.1 minutes (+420%) every single breath test when compared to similar conventional NZ workplace devices.

TECHNICAL SPECIFICATIONS

Sensor	Electrochemical Fuel Cell. Law Enforcement Grade
Accuracy	0 - 0.005% BAC: $\pm 5\%$ BAC
Sampling System	Automatically or manually takes a deep lung sample
Certification	AS3547:2019 + A1:2021
Display LCD Size	2.4" TFT colour touch screen
Memory	16,000 test records including all information
GPS	$\pm 5M$
Weight	280 g including batteries
Size	180.0 mm x 56.8 mm x 54.6 mm
Connection Port	Micro USB and Bluetooth
Battery Life	Up to 3,000 tests
Battery Type	4 x Energizer AA alkaline batteries
Optional Power	12-volt car adapter (included) or AC 240 volt adapter (accessory)
Clock	Real-time clock
Detection Range	0.00% BAC to 0.40% BAC (all perceivable ranges)
Working Temperature	-10°C to 50°C
Storage Temperature	-25°C to 70°C
Units of Measure	BrAC: mg/L, mcg/L, or other units BAC: grm%, mg/mL, mg/100mL, or other units