



✓ **Law Enforcement. Platinum Electrochemical Sensor**

✓ Latest 2024 Technology    ✓ Unprecedented testing speed via touchscreen

✓ AS3547 2019 + A1: 2021 Certification    ✓ Photo verification compliance    ✓ Minimal calibration: 18 monthly

## 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 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:** Less risk and less 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 Subjects breath when they talk into the sampling cup.

### Active Testing

If the passive test detects alcohol, fit a mouthpiece to conduct and ascertain the Subject's actual BAC.

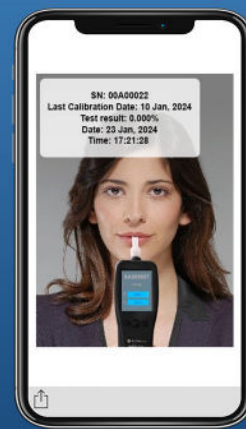
### Manual Override

Take a snapshot test if the Subject purposely intends not to blow correctly.

## PHOTO IDENTIFICATION

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

Seamlessly connect your SHIELD Express Identity with the FREE App.  
This enables your SHIELD to become a camera and achieve maximum  
compliance through all test data being stamped to the photo.



iPhone



Samsung



## 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 SHIELD touchscreen breathalysers an average of +40 second (+450%) per test speed advantage over conventional breath screening devices.

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

## TECHNICAL SPECIFICATIONS

### 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

**\$825 + GST**

### SHIELD Express Identity

**\$1099 + GST**

Sensor	Electrochemical Fuel Cell. Law Enforcement Grade
Accuracy	0 - 0.005% BAC: $\pm 5\%$ BAC
Sampling System	Automatically or manually take 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	280g including batteries
Size	180.0mm x 56.8mm x 54.6mm
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