

Please note, every effort is made to ensure the information provided in our material is accurate and up to date, but to the extent permitted by law, we do not accept any legal responsibility for errors, omissions, or misleading statements.

1. FOREWORD

All first-time users of the Alert unit should read and familiarise themselves with the full instructions and safety precautions as documented in the User Guide. The ALERT PRO is a sophisticated instrument and needs to be treated with care. When being moved or carried, the unit should be held with two hands or by using its built-in handle.

2. PRIOR TO USE

- Batteries need to be **fully** charged prior to use. Connect a battery to the charger, then plug the charger into a power socket. Once fully charged, the charger's light will turn green (this may take several hours). The battery can now be installed into the top plate of the Alert unit and connected.
- Before using the device, check that the exterior of the case and electrical connections are undamaged. Damage to the exterior of the unit or electrical connections may cause unexpected behaviour of the device.
- Once the battery is connected, close and secure the lid. The unit will switch on and perform a series of self-checks. During this process it will switch on the pump for a short period.
- Once the main menu has appeared, the Alert is ready to be used.
- When not in use, store the charger and spare battery in a cool dry place, away from direct sunlight.

IN THE EVENT OF OBSERVING DAMAGE OR A DEFECT, CONTACT ALERT TECHNOLOGY OR THEIR APPROVED DISTRIBUTOR BEFORE USING THE UNIT.

3. BASIC OPERATION

The purpose of these basic operating procedures is to provide guidance for the correct and safe method of use of the unit.

CAUTION: All personnel engaged in asbestos removal or decontamination must follow the health and safety protocols described in current legislation and guidance.

CAUTION: The ALERT PRO is a Class-1 laser product, safe for use with no additional precautions. However, the unit must **ONLY BE DISASSEMBLED BY QUALIFIED ALERT PERSONNEL.**

It is important to take note of the safety instructions indicated on the Alert unit, and to ensure that the air inlet is not obstructed.



To start a sampling session, ensure the menu cursor is pointed towards **Sampling** and press the **ENTER** (↵) button.

To end the session, press the **MENU** button, and you will be prompted to press **ENTER** (↵) to stop the session or **MENU** to continue with the session.

4. OTHER FUNCTIONS

LED Indicators: There is a **Power** indicator and an **Alarm** indicator, providing additional warning in the event of a positive asbestos alert, and supporting the on-screen messages. The Alert unit can indicate when asbestos is suspected (longer sampling needed to confirm) and fault conditions or a low battery warning. **A full chart of the combinations is available in the User Guide.**

Alarm Set-Up Options: To set alarm options, go to the Settings menu then the System Settings menu. Use the ↑ and ↓ buttons to select a setting, then use the ← and → buttons to change the relevant setting, followed by **MENU** and **ENTER** (↵) to confirm.

Current Fibre Counts provides an option to change the

frequency of when the current fibre count resets, allowing users to see how many fibres a unit encounters within the time window chosen.

5. POSITIONING

When placing the unit, make sure the screen is facing upwards and the sampling nozzle is facing towards the centre of the workspace and away from any walls. For best performance, avoid placing the Alert close to strong air currents. The Alert unit **CAN** be used in damp conditions and **WILL** tolerate water mist.

WARNING: DO NOT ALLOW WATER TO ENTER THE INLET DIRECTLY. THIS WILL CAUSE THE UNIT TO STOP WORKING AND IT WILL NEED TO BE RETURNED FOR REPAIR. THIS WILL NOT BE COVERED BY WARRANTY.

6. DATA RETRIEVAL

The unit must be removed from the workspace and cleaned/decontaminated externally BEFORE opening the lid. Refer to the User Guide for full data retrieval instructions.

7. CLEANING THE UNIT

Remove the unit from the contaminated area, following established safety procedures, and perform decontamination routines as required in your geographical area.

WARNING: DO NOT OPEN THE LID UNTIL AFTER THE EXTERIOR OF THE ALERT UNIT HAS BEEN CLEANED/DECONTAMINATED.

DO NOT submerge the unit or expose it to direct sources of water during normal use, while stored, or when being cleaned. Established decontamination methods should be used to clean the exterior of the case.

Condition	Alert Status	Alert Indicator	Sounder/Buzzer
Unit is idle	Normal operation	SOLID GREEN	Silent
Unit is sampling	Unit is sampling, no asbestos present	FLASHING GREEN*	Silent
Unit is sampling	Unit is sampling, ASBESTOS SUSPECTED*	FLASHING YELLOW*	Silent
Unit is sampling	Unit is sampling, ASBESTOS PRESENT*	FLASHING RED*	Active during alarm**
Unit is sampling	Unit is sampling, an ASBESTOS PRESENT alarm has occurred during the sampling session	FLASHING PURPLE*	Silent
Fault Detected	The unit has detected a fault and has gone into maintenance mode – contact customer support	FLASHING BLUE	Silent
System Failure	The unit has failed – please report any messages on the screen to customer support	FLASHING WHITE	Silent

Condition	Power Status	Power Indicator	
>50% Power	Battery charge is GOOD	SOLID GREEN	
20-50% Power	Battery charge is OK	SOLID YELLOW	
< 20% Power	Battery charge is LOW	SOLID RED	
< 10% Power	Battery charge is VERY LOW – unit will shut down immediately	FLASHING RED	
Fault Detected	The unit has detected a fault and has gone into maintenance mode – contact customer support	FLASHING BLUE	
System Failure	The unit has failed – please report any messages on the screen to customer support	FLASHING WHITE	

* The Alert LED flashes continuously during sampling and changes colour to give feedback to the user.

** Buzzer will sound for approximately 30 – 60 seconds each time asbestos is detected. If it sounds for an extended time asbestos is being detected repeatedly. Buzzer can be silenced by interacting with the unit.