



USER MANUAL

BactiscanPlus

Handheld bacteria and biofilm detection system with extended battery life



Thank you for choosing the **BactiscanPlus™** for your inspection and sanitation needs. This user manual provides essential information on the features, benefits, and usage guidelines of the **BactiscanPlus™**.

Important: Please read this manual carefully before operating the device to ensure optimal performance and safety.

With BactiscanPlus™ unique wave alternating UV system, BactiscanPlus™ enables immediate detection of Biofilms, mould and bacteria, such as salmonella and E.coli. BactiscanPlus™ easily locates common contaminants, making the remediation job much faster and therefore more cost effective.

With its convenient handheld design, BactiscanPlus™ can light up an entire surface giving an immediate result to a large area - something that would take hours with any other method.

Handheld bacteria and biofilm detection system

Environmentally friendly wave altering UV quickly identifies areas harbouring bacterial contaminants such as E.coli, listeria and salmonella, which are often missed under standard white light or UV lamp:



Normal View

Item looks clean and normal under white light or standard UV



BactiscanPlus™ View

Clearly reveals contamination



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Features and Benefits

- **Unique Design:** The BactiscanPlus features a distinct design that allows for head swiveling, enabling users to inspect difficult-to-reach spaces with ease
- **Dual Rechargeable Batteries:** Equipped with two rechargeable batteries and a separate charger, the BactiscanPlus ensures continuous usage without interruption. Users can charge one battery while using the other, maximizing productivity
- **High-Value Battery:** The BactiscanPlus utilizes high-quality batteries recognized across various industries. Aligned with the DEWALT® brand, known for its reliable power tools, these batteries offer long-lasting performance, reducing the need for frequent replacements



High Value Battery

Long lasting performance, reducing the need for frequent replacements



- **Efficient Charging and Usage Time:** Each 18V battery has a charging time of 70 minutes and can withstand up to 500 charge cycles. With a usage time of 2 hours per battery, the BactiscanPlus ensures sufficient runtime to complete your tasks effectively
- **IP54 Rating:** The BactiscanPlus boasts an IP54 rating, making it suitable for use in moderately wet conditions. With proper care, the device can withstand exposure to moisture and perform reliably in various environments



Efficient Charging and Usage Time

Each battery charges in 1.5 hours and provides 2 hours usage.

Charging the Device

1. Connect the separate charger to a power source
2. Align the battery with the charger* and slide the battery in until it clicks into place. Begin the recommended charging cycle of 70 minutes

An LED light system indicates the charging status of the battery:

- Solid red light: The battery is charging
- Flashing red light: There is a delay due to the battery being too hot or too cold. The charger will automatically begin charging once the battery has reached optimal temperature**
- Flashing red and green light: there is a fault with the battery and repair or replacement should be sought
- Solid green light: The battery is fully charged and ready to use

3. When the light is solid green, remove the battery by pressing the release button and sliding it out of the charger and insert it into the BactiscanPlus

*Always use a compatible DeWalt charger designed for a DCB184 battery to ensure proper charging and safety

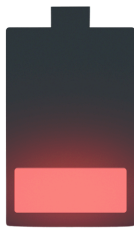
**Avoid charging the battery in extremely hot or cold environments to prevent damage and ensure optimal charging performance



Operating the Device

Ensure both batteries are fully charged before beginning your inspection!

1. Power on the BactiscanPlus using the designated power button
2. Adjust the swivelling head as needed to inspect challenging spaces

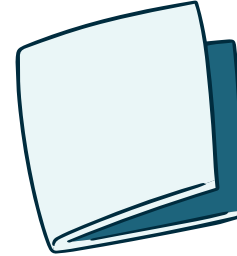


Battery Management

1. Monitor the battery levels displayed on the device to avoid disruption during usage
2. Utilise the second battery while charging the first to maintain continuous operation
3. Replace batteries as needed, considering the specified usage times and charging cycles

Cleaning and maintenance

1. After each use, wipe down the device with a clean, dry cloth
2. Avoid exposing the device to excessive moisture or submerging it in water
3. Store the BactiscanPlus in a dry, secure location when not in use to prevent damage



IP54 

Usage guidelines

1. Use the BactiscanPlus in environments where moderate moisture is present, adhering to the IP54 rating
2. Take advantage of the swiveling head to access confined or challenging spaces for thorough inspections
3. Follow industry-specific protocols and standards for sanitation and hygiene practices



Safety precautions

- Do not expose the BactiscanPlus to extreme temperatures or direct sunlight
- Avoid dropping or subjecting the device to impact, as this may cause damage
- Avoid water exposure: the BactiscanPLUS is IP54 rated, meaning it is protected against dust and splashing water. It should not be submerged in water or exposed to heavy rainfall
- Only use compatible DeWalt chargers and batteries provided by the manufacturer
- Operate in safe conditions - do not use the BactiscanPLUS in explosive atmospheres, such as in the presence of flammable liquids, gases or dust



Important Warnings

- Read manual before use
- Always use the charger supplied, never use a damaged charger or alternative charger
- Inspect the BactiscanPLUS before every use to check for damage or defects
- Disconnect from any power sources and switch off, before performing any routine cleaning or maintenance
- Leave servicing to a qualified person. In case of any problems or questions please contact EIT direct at support@eit-international.com
- Do not shine the light directly into people's eyes, as it may damage their eyesight
- Do not disassemble, crush or puncture the battery pack
- Store the Bactiscan PLUS safely, in a dry secure place and out of the reach of children

By following these guidelines and safety precautions, you can effectively utilize the BactiscanPlus for your inspection and sanitation requirements, ensuring reliable performance and longevity.

Safe disposal of waste electrical products and batteries

If at any time, you need to dispose of this product or parts of this product: please note that waste electrical products and batteries should not be disposed of with ordinary household waste. Recycle where facilities exist. Check with your local authority for recycling advice. Alternatively, EIT International is happy to take receipt of this product at end-of-life and will recycle it on your behalf.



Warranty

All EIT International products have a 1-year standard warranty on all manufacturing defects and 1-year warranty on all rechargeable batteries from the date of purchase.

EIT International warrants this product free from defects in material and workmanship for a period of 1 year from the date of purchase.

This warranty does not cover damage caused by misuse or abuse, accident, the attachment of any unauthorised accessory, alteration to the product, or any other conditions whatsoever that are beyond the control of EIT International.



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