



BactiscanPLUS

EIT International is an industry leader in the development and supply of environmentally friendly preventative controls and detection systems for the liquid food processing, nutraceutical, pharma, medical and petrochemical industries.

Handheld bacteria and biofilm detection system Built around our proprietary environmentally friendly wave alternating UV technology, BactiscanPLUS™ offers new features including extended usage time AND a new manoeuvrable head, allowing a swivel function to inspect those hard to reach areas. It can quickly identify areas harbouring bacterial contaminants such as E.coli, listeria and salmonella which are often missed under standard white light or simple UV light.

Industry compliant

The BactiscanPLUS™ supports GMP and HACCP compliance by quickly detecting contaminants over large surface areas, minimizing downtime. It allows immediate corrective action by providing instant results, helping to prevent quality deviations and ensure regulatory compliance.

The perfect tool for food production facilities

Food production managers face a crucial decision every day: whether to begin production. Every hour that production is delayed for cleaning results in lost potential revenue. However, starting production on a surface that hasn't been thoroughly cleaned significantly increases the risk of contamination. The BactiscanPLUS™ offers a simple solution, enabling operators to inspect large areas quickly and non-destructively, without the use of chemicals. Equipped with two DEWALT rechargeable batteries, the device allows one battery to charge while the other is in use, minimizing interruptions and downtime.



Food manufacturers often face challenges in detecting bacteria and biofilms that could contaminate their products. Currently, they rely on ATP tests, which measure the presence of actively growing microorganisms by detecting adenosine triphosphate (ATP). While this method is effective, it has limitations due to the small size of the swabbed area relative to the overall surface. The swabbing process itself can be cumbersome. However, by complementing this traditional method with the BactiscanPLUS™, ATP testing can become faster and more efficient. The BactiscanPLUS™ helps identify areas of contamination, allowing ATP swab tests to be focused on those spots.

Contaminants often go unnoticed with other detection methods like white light and simple UV lamps. BactiscanPLUS™ illuminates the entire surface, providing immediate results and enabling you to detect potential issues within seconds, whereas other methods might take hours.

While other technologies, such as fluorescent markers and gels, are available, they are not environmentally friendly and, like ATP tests, suffer from the limitations of a small testing area, making accurate results difficult to obtain.



Runtime	
Product	BactiscanPLUS™
Power On	2hrs
Charge Time	1hr 30min
IP Rating	IP54
Battery	18V 5Ah Li-ion
Impact Resistance	1.0 Metre
Dimensions	160 x 94 x 230 (mm)
Weight (with battery)	1.6 KG

IP Rating

Features & benefits

BACTISCAN STANDARD

IP65

- Portable microbial detection device designed to identify biofilms, bacteria, mould and other contaminants using advanced UV light technology
- Entry level
- Wave alternating UV technology
- Rechargeable battery with life span of 500 cycles
- 4 x LED light with 6000 hours of lifespan
- IP65 rating for use in high humidity areas and where water is present
- Assists in improving cleaning and hygiene protocols in various industries, including food production, pharmaceuticals and healthcare
- Optional shroud.



BACTISCAN PRO

IP65

- With removable camera which can be swivelled to record and take photos
- BactiscanPro can be charged separately to camera allowing for longer usage of battery life while in use
- 500 cycles of battery charging 4 x LED UV lights with 6000 hours of usage
- IP65 rating for use in high humidity areas and where water is present
- With Akaso Go app for downloading photos / videos
- Camera recording time - each battery for 20P/About 180 mins, 1080P/About 90 mins, 4K/2.7K/About 60 mins
- Optional shroud.



BACTISCANPLUS

IP54

- BactiscanPlus with ergonomic design allowing for head swivelling to see into difficult spaces
- 2x high quality DEWALT® rechargeable batteries with separate charger
- Batteries only need to be replaced in several years depending on usage time
- Additional batteries available to purchase
- IP54 Rating due to air vents in the device. Can be used in moderately wet conditions.



BACTISCOPE

IP65

- Bactiscope aids in the detection of biofilm in difficult to reach areas
- Probe head housing the LED and white lights is 37mm in diameter, allowing use in pipes/ducting
- With 3 various length probes i.e. 1m, 2m and 5m
- Comes with tablet for visualisation
- Recording can be downloaded from SD Card (included) for internal quality purposes and assessment
- Aids CIP hygiene protocols in food and beverage production.





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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.