



# Bactiscan

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

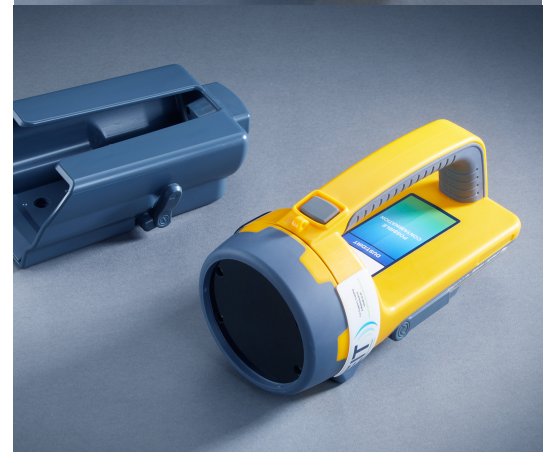
Built around our proprietary environmentally friendly wave alternating UV technology the Bactiscan™ can quickly identify areas harbouring bacterial contaminants such as E.coli, listeria and salmonella which are often missed under standard white light or simple UV light.

### Industry compliant

Bactiscan™ conforms to GMP and CIP requirements with an IP65 rating and is drop test certified to 1.5 metres.

### 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. Simple to use, the Bactiscan™ allows the operator to view large areas in an instantaneous and non-destructive way without the need to introduce chemicals.



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 Bactiscan™, ATP testing can become faster and more efficient. The Bactiscan™ 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. Bactiscan™ 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.



Bactiscan™ shown with optional shroud

Runtime	
Product	Bactiscan™
Power On	1hr 30min
Charge Time	6hrs 30min
IP Rating	IP65
Battery	7.4V 6.6Ah Li-ion
Impact Resistance	1.5 Metres
Charge Base	Yes
Vehicle Charger	Yes
Dimensions	250 x 125 x 120 (mm)
Weight	1.0KG

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.



# Specification



	Bactiscan	BactiscanPRO
<b>Power On</b>	1h 30min	1h 30min
<b>Charge Time</b>	6hrs 30mins	6hrs 30mins
<b>Warranty</b>	12 Months	12 Months
<b>User Manual</b>	Yes, On-Line	Yes, On-Line
<b>UV Light Type</b>	UV-A	UV-A
<b>UV Bulb Life</b>	6,000 hrs	6,000 hrs
<b>IP Rating</b>	IP65	
<b>Battery</b>	7.4V 6.6Ah Li-ion	7.4V 6.6Ah Li-ion
<b>Impact Resistance</b>	1.5 Metres	
<b>Charge Base</b>	Yes	Yes
<b>Dimensions</b>	250x125x120 (mm)	250x125x160 (mm)
<b>Carry Case Dimensions</b>	357x470x176 (mm)	357x470x176 (mm)
<b>Weight</b>	1.0 KG	1.1 KG
<b>Stills Camera</b>	No	Yes
<b>Video Capture</b>	No	Yes
<b>Camera Battery</b>	No	1x 1350mAh



# WolfLabs

**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](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

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