EIT

Preventative Controls
& Detection Systems

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

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

IP rating
IP65





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



Normal View
Item looks clean and normal under white light or standard UV



Bactiscan™ View
Clearly reveals contamination

DOMINIQUE DUTSCHER SAS

Food production managers are relied upon to make a critical decision every day: whether to start production or not. The fundamental worry is the hygiene of the facility. Every hour production is stalled for cleaning and potential revenue is lost. However, if production is conducted on a surface that hasn't been adequately cleaned, the risk of contamination and costly recalls increases dramatically.

Food processors have a common problem in detecting bacteria and biofilms that could contaminate the end product. Currently, processors use ATP tests for measuring actively growing microorganisms through detection of adenosine triphosphate, or ATP. Although this process is good, it is not fool-proof due to the minute size of physical swab point compared to overall volume of surface, and the physical swab procedure is cumbersome. Other technologies include florescent markers and gels; however, these are not environmentally friendly and, again, due to minute size of physical test area a true result is impossible to gauge.

These contaminants are often undetectable using other methods such as white light and UV lamps. With Bactiscan™ you can light up the entire surface and get an immediate result, so within seconds you can pick things up that would take hours with any other method.

Next generation Bactiscan™ will include video monitor for scan capture, date time stamp, pass/fail stamp and validating scans against known areas of contamination. Bactiscan™ 2 will support on-line validation system that will upload to existing internal quality process for external audit.



Bactiscan is available in two formats, Bactiscan™ and BactiscanPRO™

BactiscanPRO™ utilises still photography and video capture to record contaminant clusters on a surface. These files are uploaded to an internal Quality System and will form the basis of a documented Corrective Action.

BactiscanPRO™ is fitted with AKASO V50 4K/30fps and a 20MP image action camera to capture every detail of your audit. Built-in wifi allows you to connect the camera to your phone or tablet, simply download the AKASO GO app.



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

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For enquiries or to request a quote, please contact your authorised EIT International distributor at:

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