

Reliable, portable bacteria and
biofilm detection system

USER MANUAL



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Manuals and Guides

To reduce our use of paper and to conform to our environmental/sustainability policies and responsibility, we have moved our product documentation online. For the latest Bactiscope User Manual or Product Guide, please go to www.eit-international.com/products/#scope



Think before you print!

Technical Support

E-Mail: support@eit-international.com or speak to your regional in-country EIT International approved associate.

Web Site: Visit our web site at www.eit-international.com/support where you can browse our FAQ's, or request assistance.

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What's in the box?

Fundamentally, the Bactiscope™ is a miniature camera, or probe, on a flexible cable (in cable lengths of 1m, 2m or 5m) housed in its own carry case which also holds the video screen.

The Bactiscope™ has a single camera head with an external diameter of 37mm, that can be manoeuvred into awkward areas such as pipework or behind hard-to-reach areas, that then transmits a video feed that allows you to see a close-up, real time view of inspection areas using its unique wave-alternating UV system.



Operating the Bactiscope

1. To turn on screen press the power button on the monitor for 0.5sec
2. To turn on the camera press the camera button, there will also be a blue and red light on the left-hand side of the device which will turn on.
3. Press the Light button to activate the Bactiscan Light
4. In order to record videos press the Rec button on the monitor for 0.5sec, this will cause the blue light to flash indicating the recording has started.
 - a. LED Status
 - i. **Red LED** Constantly on — Power status light
 - ii. **Blue LED** Constantly on In standby mode
 - iii. **Blue LED** Blink slowly (1 time per second) — In recording mode
 - iv. **Blue LED** Blink quickly (2 times per second) — Micro SD is full or failed to be recognized
 - b. Format SD Card
 - i. In standby mode, long press the Rec button for 5 seconds, the SD card will be formatted and recording will start.
5. To stop recording press the Rec button again for 0.5sec, the blue light will then stay on.
6. To turn the camera off press the camera button, the monitor will no longer show an image
7. To turn the light off press the Light button

Please note

Recording files will be saved automatically in segments lasting 5 minutes and recording stops when Micro SD card is full.

It takes about 2G capacity for 1 hour recording. Thus an 8G Micro SD card can record about 3.5 hours.

Ensure you stop recording before power off. Otherwise, you will miss your last recording.

Watch recordings

1. Remove the SD card from the unit
2. Place SD card in computer
3. Open files and view recordings
4. Place SD card back in unit



Specifications

Power on	1hour 30 mins
Charge time	6 hours 30 mins
Warranty	1 year
UV light type	UV-A
UV bulb life	6,000 hours
IP rating	IP65
Battery	7.4V6.6Ah Li-ion
Impact resistance	1.5 metres
Dimensions	123 x 274 x 248 (mm)
Carry case dimensions	357 x 470 x 176 (mm)
Weight	1.5KG
Video capture	Yes





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