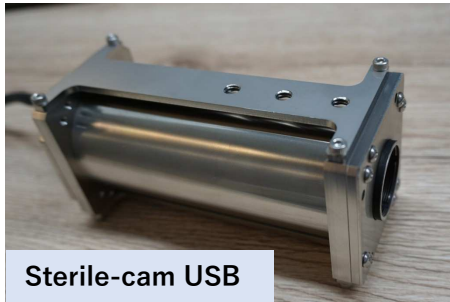
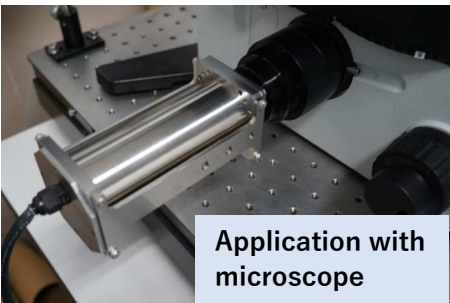


Sterile-cam USB

product#: STC-USB-M01(monochrome), -C01(color)



Sterile-cam USB



Application with microscope

We provide availability of USB3 camera to your experiments in a sterile environment.

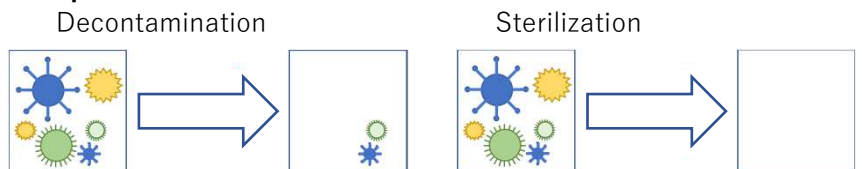
Feature 1: versatility of camera function

- Direct control by PC with USB3 cable
- Mechanical connection of C mount and camera screw
- Time lapse image capture by attaching software

Feature 2: accept sterilization process

- Can be applied to H2O2 sterilization process without cover

Comparison of Decontamination and Sterilization



- Some virus and bacteria can remain after Decontamination process
- No virus, bacteria and cells remain after Sterilization process

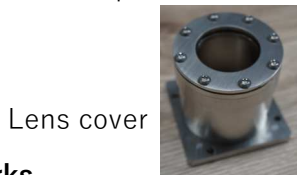
Specifications

- Mechanical data
 - Size: 56mm x 56mm x 135mm (excluding protrusions and cables)
 - Weight: 800g
- Camera function
 - Sensor type: 1/2" CMOS (monochrome or color)
 - Number of pixels: 1.3Mpixels (1280 x 1024)
 - Data interface: USB3(cable length: 2m)
 - Lens mount format: C
- Attaching Software
 - Camera Explorer (Baumer): capture still images and movies
 - Time lapse image capture (Pinpoint Photonics): continuous image with fixed time intervals
 - Captured image files can directly opened and converted to movie file by ImageJ.
 - Movie example captured by attaching time lapse software and converted by ImageJ:

<https://www.youtube.com/watch?v=iTKYGjLIHhw>

Option

- In case C mount lens cannot accept sterilization process, we can supply lens cover for H2O2 Sterilization process as an optional tool (maximum lens size: 35mm in length, 30mm in diameter)



Lens cover

before attaching



After attaching



Remarks

- Sterile-cam USB accepts only H2O2 Sterilization, it does not accept other sterilization process such as EOG and autoclave.

A laser and imaging company located in Kanagawa, Japan

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