

Pocket microscopes

october 2021

Already in the 18th century pocket microscopes existed. They were completely made of brass and looked fabulous. No photography or video filming of course. What a difference with the modern pocket microscope of today.....



Brass “Pocket microscope” van William Cary (1759-1825)

Some years ago messrs ioLight (UK) re-invented the pocket microscope but with WiFi and the image is to be seen on your smartphone or tablet....

ABBEoptics introduced the ioLight pocket microscope in the Netherlands



IO-1 with WiFi image on iPad

Modern WiFi microscope for transmitted light with built-in camera (5Mp) for Photography or Video filming with the help of your smartphone or tablet.

Versions;

- IO-1 model 1 (Field of View 1mm², resolution 1μ)
- IO-1 X-Y (with magnetic sample holders)
- IO-2 model 2 (FoV 2mm², resolution 2μ)
- IO-2 X-Y (with magnetic sample holders)
- IO-Im inverted microscope (FoV 1mm², resolution 1 μ)
- IO-FL Fluorescence (for GFP/FITC emission 500nm)

Specs;

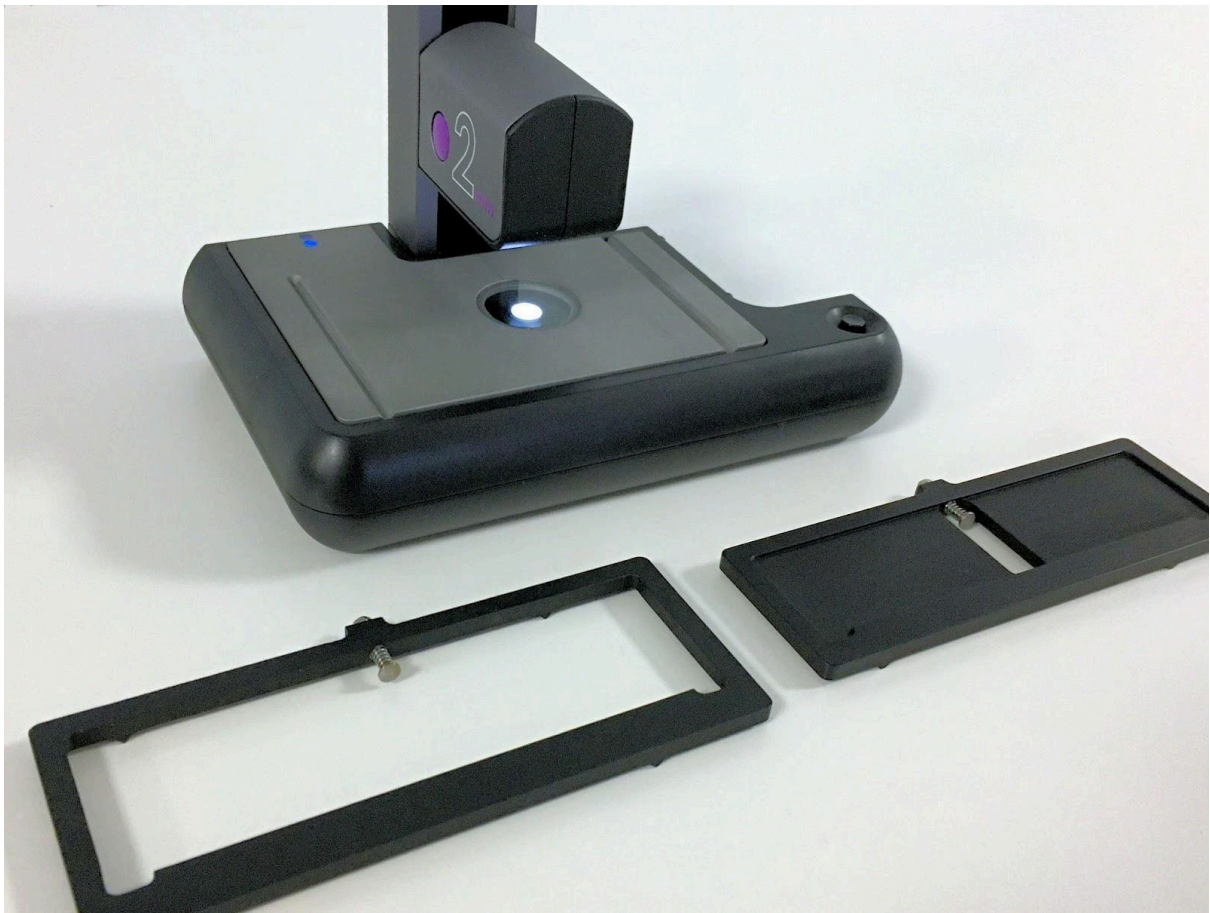
Digicam 5Mp for photo (JPG 2.592x1.944p) or video (MPEG-4 up to 1.296x972p.)

LED illumination, Li-ION battery with 5V USB adapter.

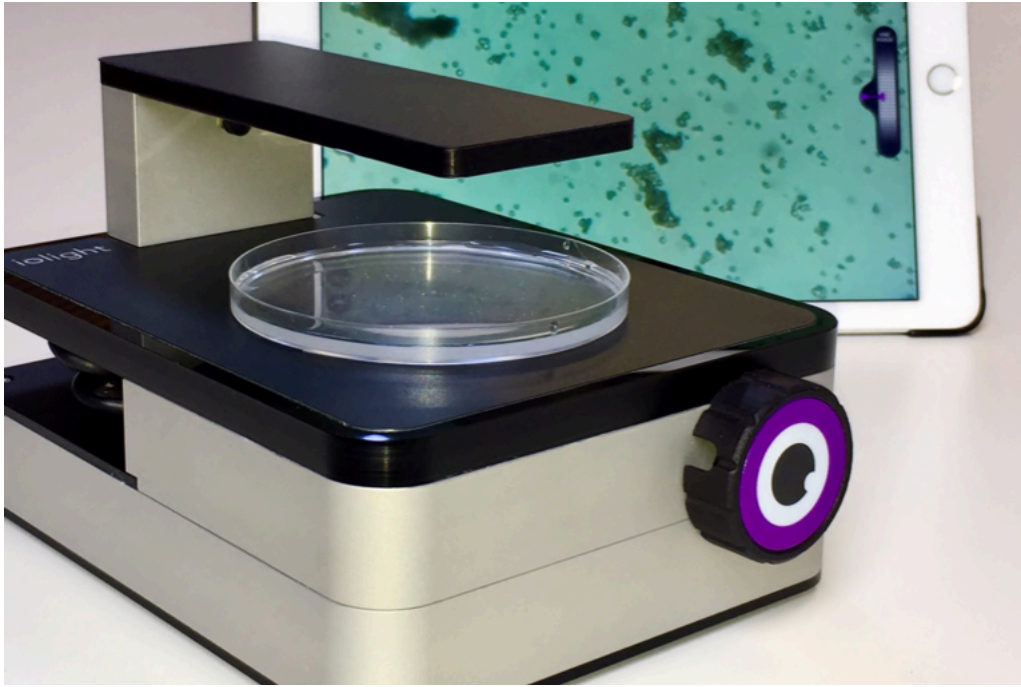
Neopreen carrying case

Hardened stage. Dimensions 270x230x32mm, weight about 440 gr. (inverted type 800 gr.)

Adjustments via (free) app ioLIGHT(iOS 8.1 or > of Android 4.4 or >) or via Chrome or Safari browser on PC with WiFi.



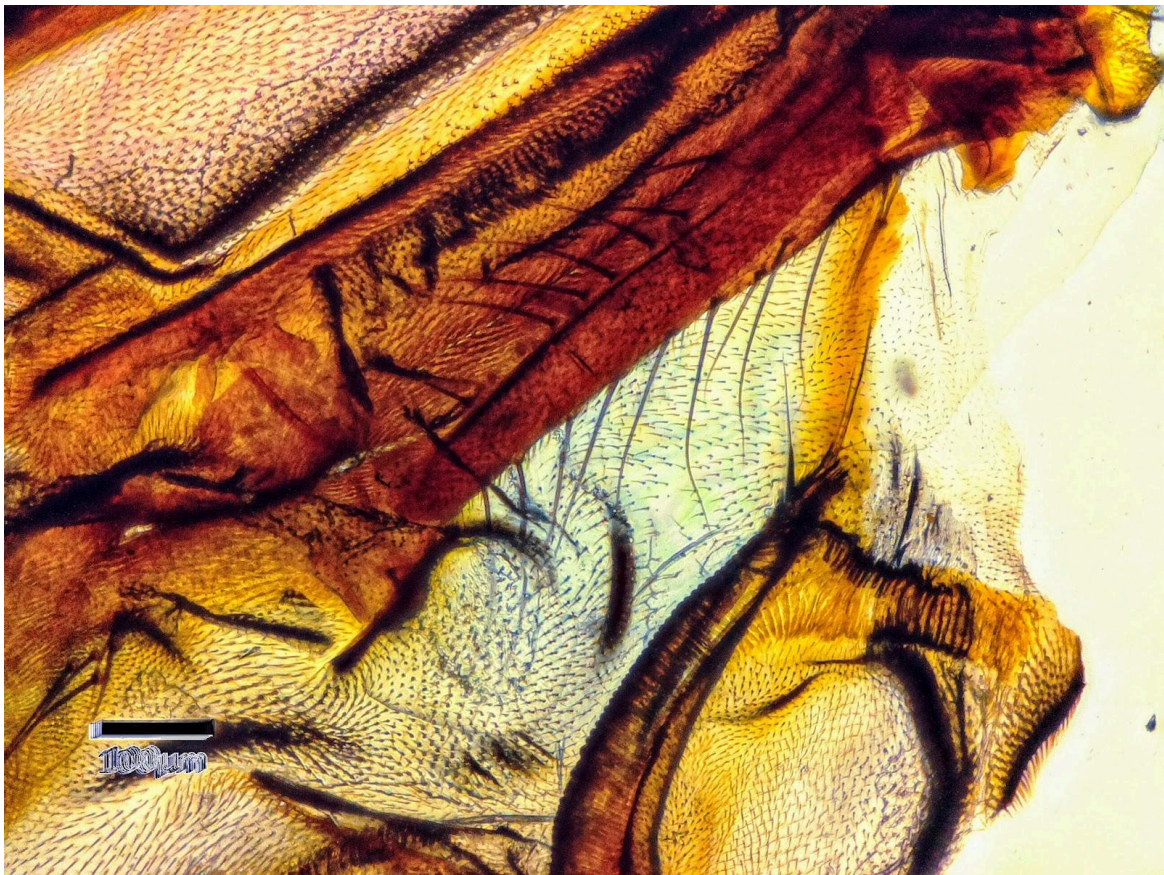
IO-2xy Model 2 X-Y with magnetic x-y movement



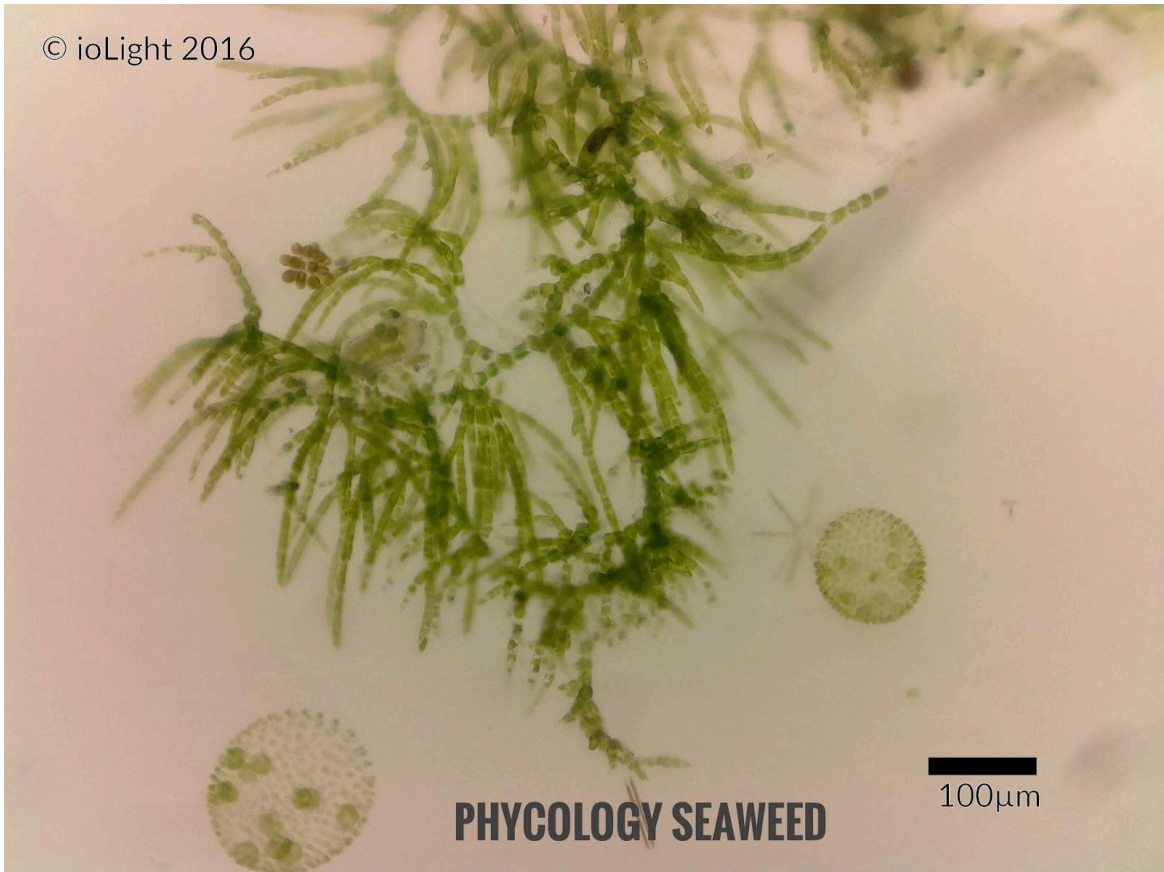
**IO-Im Inverted microscope with Brightfield and Darkfield working distance max. 6mm,
sample height till 40mm
Dimensions; 190x140x110mm, weight 1.400grams
With sealed cable and charger.**



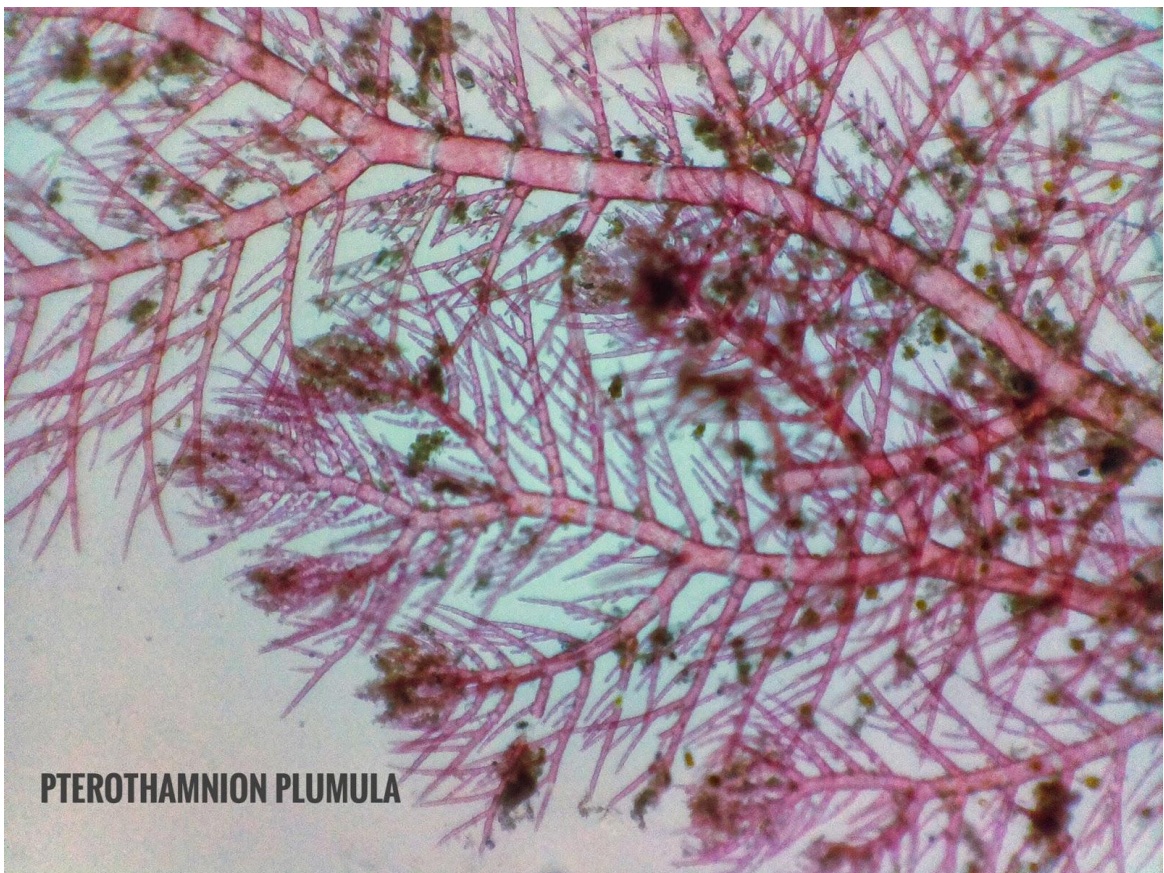
IO-Ca Carrying case for microscope with accessories.



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PTEROTHAMNION PLUMULA