

GATACA CYCLOPS

Application microscope



> 32 mm FOV

Motorized X,Y, Z

Motorized filter wheel

Affordable

Steady

Multi-layer design

Customisable layers

A microscope for your application :
light-sheet, time-Lapse, slide scanning,
spinning disk, FRAP/TIRF, ablation,
Live-SR super resolution ...



Scan me

High-End and Flexible

Meant to fit your application with no unnecessary extras, we designed a steady and condensed microscope for your research.

The layer-based design allows maximum modularity for excitation and detection. An empty layer is available to integrate your homemade modules.

With the 4D motorization (X, Y, Z and 32mm emission filter wheel) it allows fully automated measurement.

Its unprecedented field of view will bring you research to another level, reducing acquisition time or increasing statistics. By using the largest camera sensor on the market you can multiply by more than 4 times your data throughput.



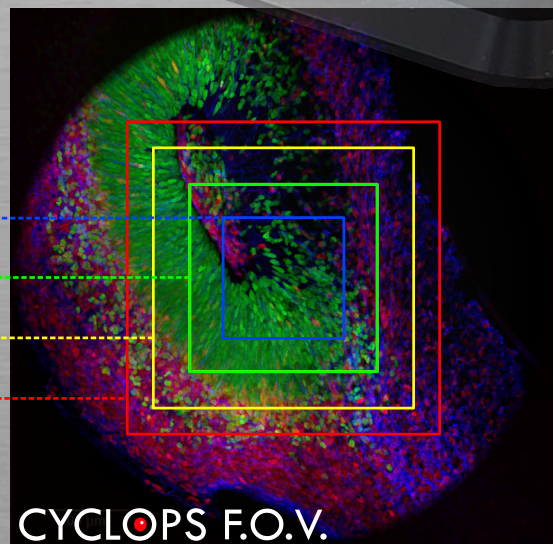
Typical FOV

11.6 mm

18 mm

25 mm

30 mm

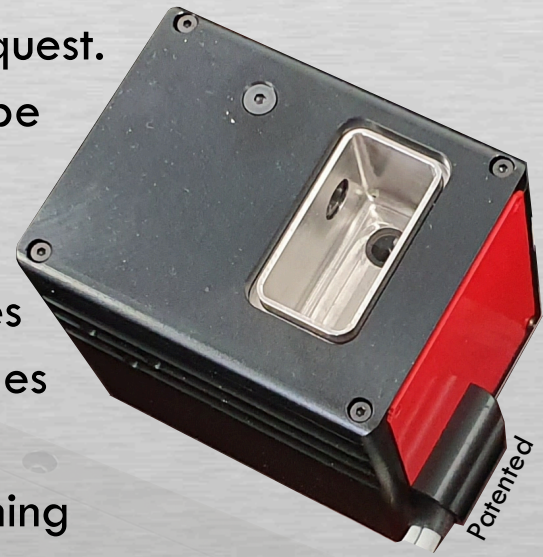


LEAF 5x

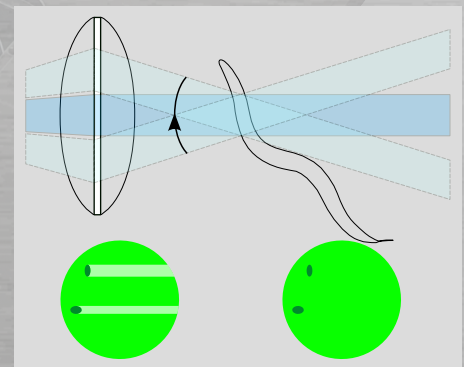
Light Sheet device

The Leaf 5x was designed to fill researcher request.

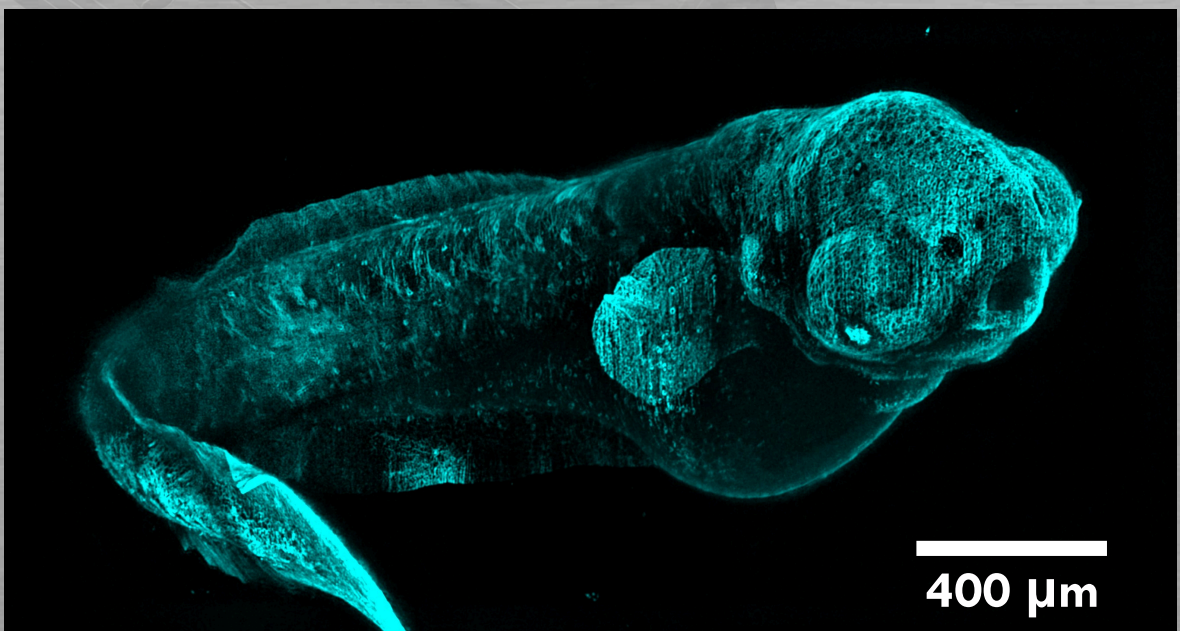
- Can be adapted on any inverted microscope objective turret
- Light Sheet thickness $10\mu\text{m}$, FOV 3.6mm
- Galvanometric technology to remove stripes
- Compatible with aqueous or cleared samples
- Up to 10mm samples
- Internal camera for precise sample positioning
- Cost effective



A galvanometric mirror rotate the light sheet around the optical center to removes strips due to high diffraction or absorption



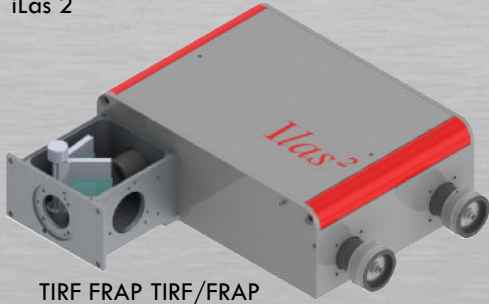
Regular SPIM With Galvo



Modularity

Excitation devices

iLas 2



TIRF FRAP TIRF/FRAP

iLas Pulse



Ablation

iLas 3



TIRF/FRAP Ablation

lasers illumination

Multimode laser launcher



iLaunch laser launcher



LEDs illumination

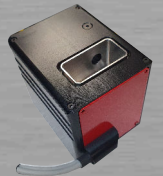


LED / Multi-LED



Objectives

CFI 60 / 75 / 90*  SPIM 5X and 10X



* On Request

Live-SR Super Res.



Spinning Disk confocal



C, T, F Mount Detectors

