



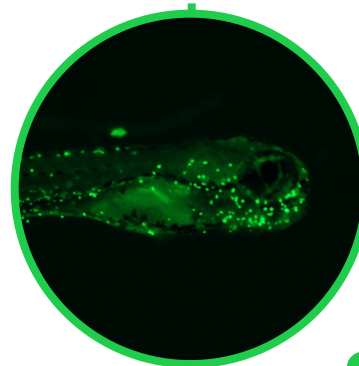
*Traditional microscope
FOV & Resolution*

MCAM™

Kestrel | Screening System

Ramona's **Multi-Camera Array Microscope™ (MCAM)** uses an array of micro-cameras to capture an entire well plate at high resolution in seconds.

The **Kestrel Screening System** provides you with the ability to perform parallelized imaging and recording of phenotypes in a standard well plate at unprecedented frame rate and resolution. From fine-morphology and cardiac assessment, to fluorescence quantification and time lapse imaging of fish, acquire multiple readouts throughout development in one integrated system.

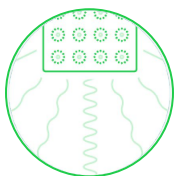


Ramona FOV

Ramona Resolution

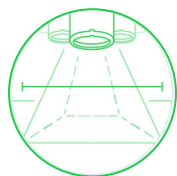


See What You're Missing.



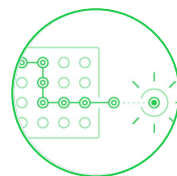
High Content Imaging

Inspired by the tools scientists use everyday, the Kestrel Screening System is ideal for phenotyping in a 96-well plate.



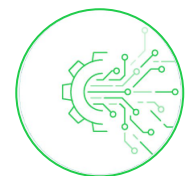
Multiplex to Reduce Bias

Use multiple cameras to assess time-sensitive developmental readouts without time bias. Save time in the lab with 24X workflow speed-up.



Cells in Motion

Observe blood flow, movement of immune cells, and cardiac parameters at different developmental time-points based on the question being asked.



Custom Workflows

Already have an assay? Integrate it easily in our intuitive software and build upon your lab expertise and our technology.

Kestrel

Screening System Multi-Camera Array Microscope™

Unified multi-point phenotyping

Embryonic development, tail coiling, heartbeat, melanocyte migration, length, eye + head size, and behavior - *per organism* from *one system*.

Rapid Screening in GFP and RFP

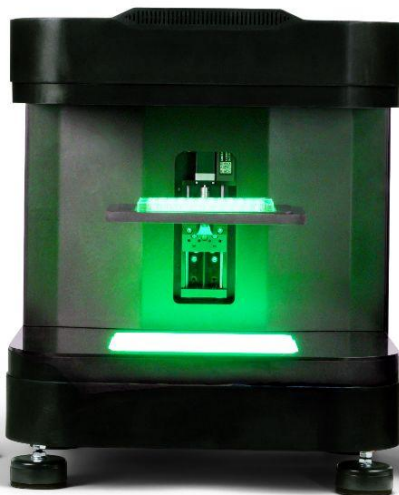
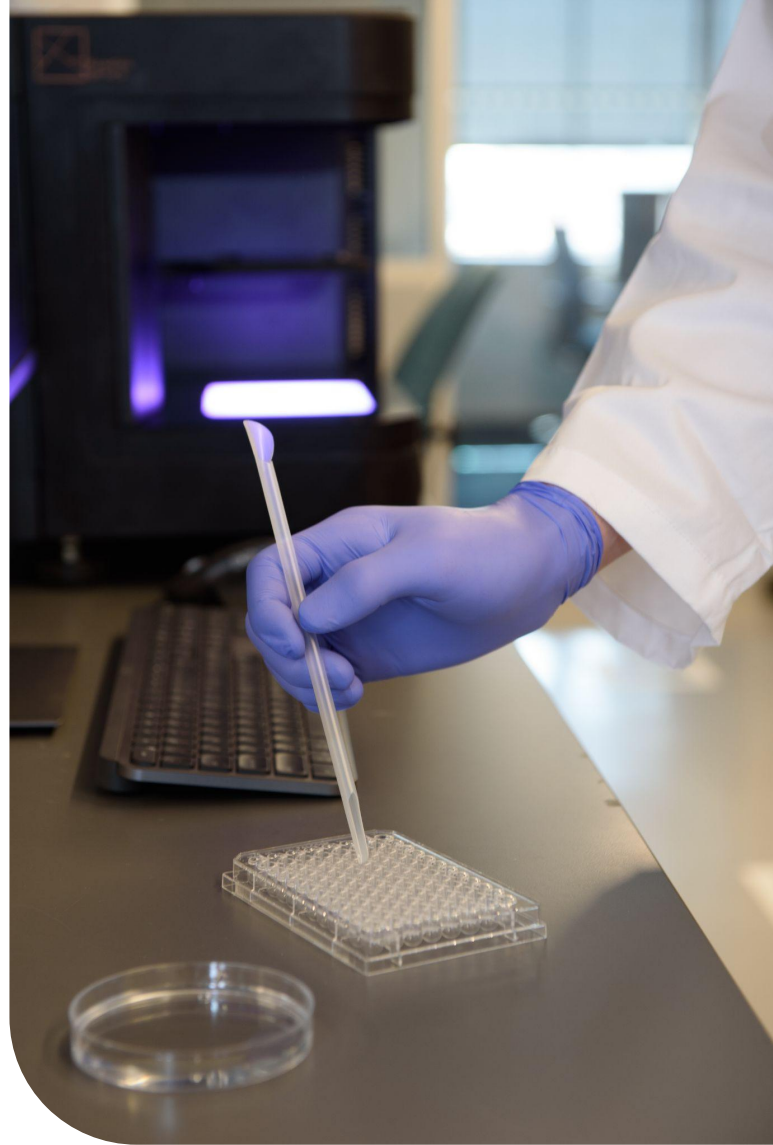
Screen reporter lines in minutes as opposed to hours. Acquire data now and assess later.

Multi-modal acquisition

Brightfield and fluorescence. Time-lapse and high-speed. Pair acquisition to the question.

Versatile Software

Ensure reproducibility across workflows with metadata logs. Leverage automated workflows to quantify signal in an unbiased manner.



Development Partners



See more at ramonaoptics.com.