

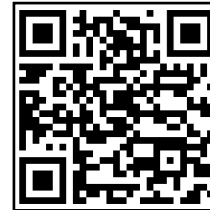
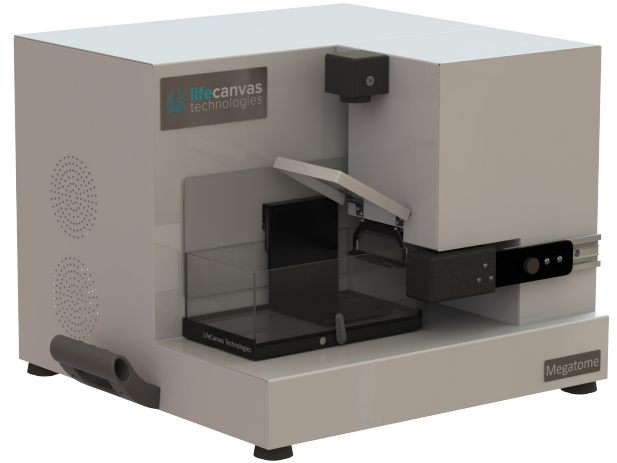
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Revolutionizing bioimaging  
to elevate human health.

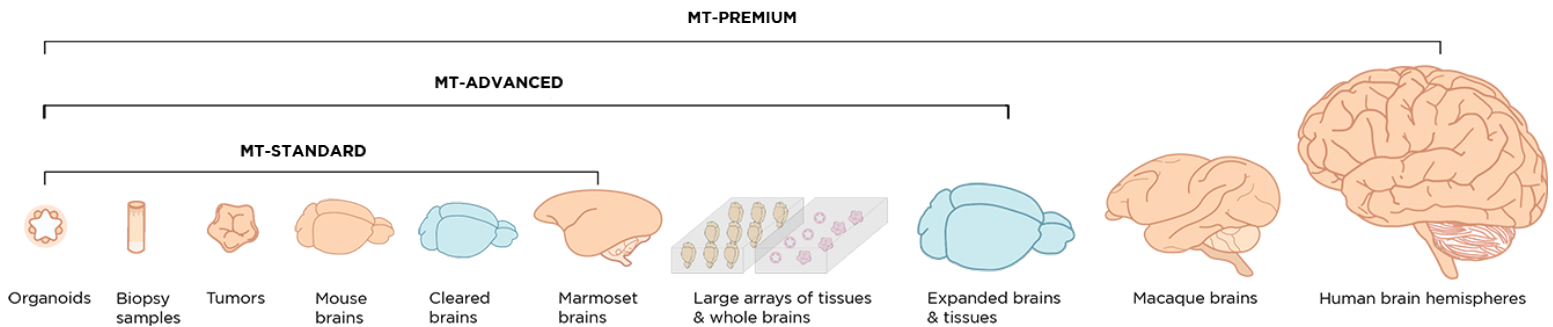
## Introducing Megatome

Precision high-frequency slicing  
for all sample sizes and types

- **From organoids, to expanded rodent brains, to intact human organs:** Quickly section samples as small as organoids and biopsy samples, as large as human brain hemispheres and intact nonhuman primate brains, and everything in between.
- **High-throughput sectioning:** Slice arrays of samples like whole rodent brains, biopsy samples, and organoids.
- **Unmatched quality and efficiency:** Innovative blade vibration amplification and deflection control technologies allow uniform, high-quality, and high-speed tissue sectioning.
- **User-friendly and intuitive:** Easily process samples with accessories to mount different sample sizes and types, and close-up cameras to monitor sectioning.

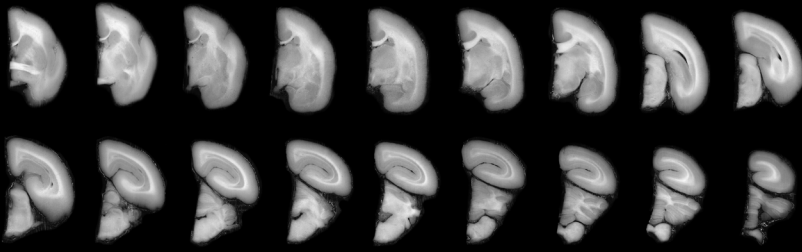


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Maximum sample size (height x length x width)	Blade Vibration Frequency	Blade Vibration Amplitude	Operating Speed	Blade deflection control
Standard: 35 x 35 x 50 mm Advanced: 75 x 100 x 80 mm Premium: 200 x 150 x 100 mm	140 Hz	Up to 4 mm	Sectioning: Up to 4 mm/s Return: 5 mm/s	Yes

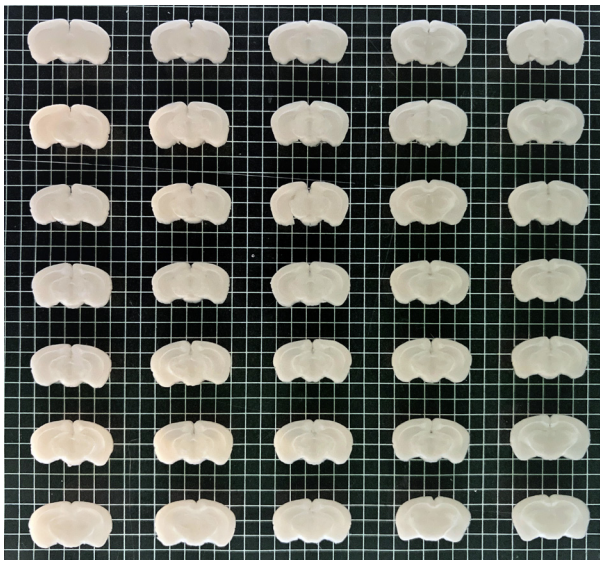
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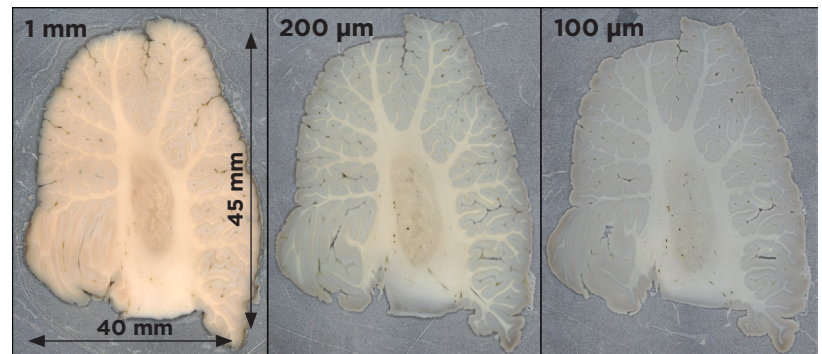
**One powerful system** for wherever your research may take you:



## SAMPLE ARRAYS

Increase your throughput with uniform sectioning of arrays of different sample types, such as mouse and marmoset brains, organoids, tumors, and beyond.

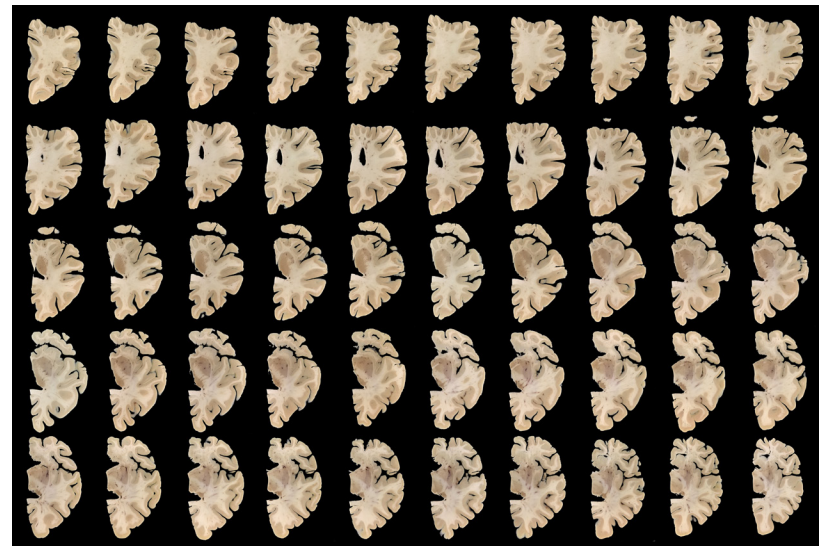
*Left: 5x7 array of mouse brains, 1 mm slices*



## LARGE SAMPLES

Precisely slice whole human brain hemispheres and nonhuman primate brains with minimal tissue loss or distortion. Megatome is the only tool that can process these samples.

*Top right: Human cerebellum slices  
Right: Human brain, 1 mm slices  
Header: Marmoset brain, 1 mm slices*



**EXPANDED TISSUES,  
CLEARED ORGANS,  
ORGANOIDS,  
BIOPSIES,  
TUMORS,  
& MORE.**

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in your lab. Speak to a LifeCanvas scientist today.

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