

Tissue Sampling



Tissue Matrices

These tissue matrices are used to obtain more conventional shapes (rectangles, cylinders, spheres) in the free-hand dissection of a wide variety of different tissues. They allow the investigator to slice through the tissue at intervals as small as 1 mm, insuring reproducible sections on a day-to-day, year-to-year or between laboratory basis. They are made of aluminum and measure, H x W x D, 37 x 89 x 36 mm (1.5 x 3.5 x 1.4 in). They are supplied individually.

- Repeatedly slices fresh tissue at intervals as small as 1 mm
- 0.3 mm channel width
- Removable end caps
- Available in 3 basic configurations
- Aluminum

Catalog No.	Product
CGS 8851.75	Tissue Matrix, Rectangular, 10 x 10 mm (0.39 x 0.39 in)
CGS 8852.75	Tissue Matrix, Rectangular, 10 x 15 mm (0.39 x 0.59 in)
CGS 8853.75	Tissue Matrix, Rectangular, 20 x 20 mm (0.79 x 0.79 in)
CGS 8854.75	Tissue Matrix, Rectangular, 25 x 25 mm (0.98 x 0.98 in)
CGS 8855.75	Tissue Matrix, Rod, V-Shaped Groove, 10 mm (0.39 in) Dia.
CGS 8856.75	Tissue Matrix, Spherical, 4 mm (0.16 in)
CGS 8857.75	Tissue Matrix, Spherical, 6 mm (0.24 in)

Heart Matrices

These heart matrices are used to slice heart tissue. They are constructed from high grade zinc to withstand the rigors of daily use and provide rapid temperature equilibrium, easy cleaning and sterilization. The channels are cut at precisely 1 mm (0.04 in) intervals (center-to-center) and are 0.3 mm (0.01 in) wide. Three matrices are available: one for rat hearts, one for rabbit hearts and one for cat hearts. All provide cuts perpendicular to the heart's central line.

- Repeatedly slices fresh tissue at intervals as small as 1 mm
- 0.3 mm channel width

Catalog No.	Product
CGS 8858.75	Heart Matrix for Rats
CGS 8859.75	Heart Matrix for Rabbits
CGS 8860.75	Heart Matrix for Cats



Micron Punch

These Micron Punches are used to isolate the nucleus from a slice of brain tissue obtained using the Plastic Brain Slicers. They are constructed of brass with a stainless steel tip for long life. The use of a filtered mouthpiece is recommended to expel the selected nucleus from the punch. To clean use 70% alcohol. Overall length is 1-3/8 inch. Four sizes are available.

- Precisely machined stainless steel tip
- Durable brass handle
- For isolating the nucleus from a brain slice

Catalog No.	Product
CGS 8861.75	1000 Micron Punch, 1.0 mm
CGS 8862.75	750 Micron Punch, 0.75 mm
CGS 8863.75	500 Micron Punch, 0.50 mm
CGS 8864.75	300 Micron Punch, 0.30 mm