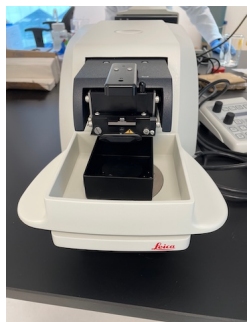


Leica VT1200 S Vibratome



Appears unused!

Rating: Not Rated Yet

Price

Sales price \$31,250.00

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Manufacturer [Leica](#)

Description

The Leica VT1200 S is a fully automated vibrating blade microtome (vibratome) for high-quality sectioning of fresh or fixed tissue, especially in neuroscience applications such as patch-clamp work. It is designed to minimize vertical blade deflection so more viable cells remain on the section surface, and it supports both semi-automated and fully automated cutting for multi-user labs.

Key Features/Specifications

Sectioning frequency and amplitude: Fixed 85 Hz ($\pm 10\%$); amplitude adjustable 0–3 mm in 0.05 mm steps.

Speed and travel: Sectioning speed 0.01–1.5 mm/s; return speed 1.0–5 mm/s (0.5 mm/s increments); adjustable cutting window 0.5–45 mm.

Specimen capacity and motion: Max specimen size 33 × 50 × 20 mm; motorized vertical stroke 20 mm; 360° rotation and 0–10° specimen plate swivel; specimen retraction 0–100 μm (can be disabled).

Automation and usability: Semi- and fully automated modes with automatic feeding, retraction, and cutting window; stores settings for up to 8 users; magnetic specimen holders.

Blade and quality control: Blade holder for double-edged razor, injector, or sapphire blades; optional Vibrocheck device to measure and reduce vertical deflection below 1 μm ; cooling via crushed ice or chiller.

Comes with our 90-day warranty.

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