

Vibrating Blade Microtomes



VT1000 S

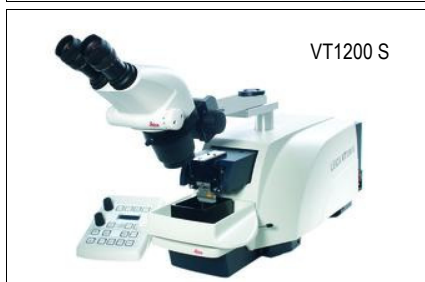
The **Leica VT1000 S** vibrating blade microtome is the instrument of choice for high-quality sectioning requirements in neurophysiology, neuropathology experimental pathology), Botany (roots and plants) and Industry (foams). Whether sectioning fixed tissue for specific neuropathology tests or sectioning unfixed native tissue e.g. for patch clamping the Leica VT1000 S consistently provides high-quality sectioning results.

The user can adjust the vibration frequency, the speed of knife advance plus the VT1000 S features a high-speed knife return stroke of 5 mm/sec as well as a freely programmable sectioning window which ensures extremely quick sectioning of even the smallest specimens. An adjustable specimen retraction feature protects the specimen from damage during the return stroke of the knife.



VT1200

The **Leica VT1200** semi automatic vibrating blade microtome is designed for sectioning fixed or unfixed specimens in Neuropathology (fresh brain slicing) and Neurophysiology (patch-clamping). The instrument is recommended for users who wish to manually select the desired section thickness prior to cutting each section. The vertical deflection can be measured by using the optional measurement device "Vibrocheck".



VT1200 S

The **Leica VT1200 S** is fully automated and designed to meet the highest sectioning demands for cutting fresh and fixed tissue in Neuroscience. To achieve sections of the highest quality that retain viable cells on the section surface, the vertical deflection of the blade can be measured by Leica's Vibrocheck™ measurement device and minimised with the innovative blade holder. Minimal vertical deflection protects delicate specimens during sectioning and results in more viable cells on the section surface. Blade holder for double edged razor, injector or sapphire blades supports safer blade handling. A second blade holder helps to avoid contamination of specimens. Magnetic specimen holders support easy specimen handling and built in software remembers the cutting parameters of up to 8 users.

- V108** Leica VT1000 S vibrating blade microtome
- V109** Leica VT1200 vibrating blade microtome
- V110** Leica VT1200 S vibrating blade microtome
- B294** 100 S/S injector blades in safety holder for above instruments
- B294/RF** 100 S/S blade refill for B294 (return to TAAB for re-loading)

Cryofect is a disinfectant spray used in low temperature conditions, such as in cryostats. It