choosing the right microtome for your laboratory

... has just become easier

All Thermo Scientific microtomes are supported by an extensive range of accessories to enable users to maintain high quality histological performance. To make sure you choose the correct accessory, a comprehensive line-up is at your disposal to suit your specific needs.

Clamps
A choice of adjustable, reproducible and tiltable clamps with various adapters in accommodatable range of specimen formats and sizes.

Blade Holders
Section view, specimen type and cutting style are just a few factors to be considered in selecting the most appropriate blade holder for your specific needs.

Blades and Knives
Thermo Scientific offers a selection of high and low profile disposable blades which deliver on user preferences for longevity, reliability and a wide range of specimen formats. C and D profile stainless steel and tungsten carbide knives provide options for sectioning of resins and foils to a resolution of 0.5 µm.

HISTOCUTTING

Thermo Scientific Microtomes

• Rotary Microtomes
• Sliding Microtomes
• Vibrating Microtomes

Perfect sections...
... perfectly simple

Quality & Performance
The quality of the section generated can have a significant impact on the accuracy and reliability of diagnosis and is dependant both on the expertise of the biomedical scientist selecting the most appropriate specimen type and the quality of the microtome used. The Thermo Scientific line-up of microtomes combine high level safety features, ease of use and comfort to deliver superior histological samples.

Safety and Ergonomics
The repetitive nature of microtomy increases the risk of developing musculoskeletal motion disorders, impacting both on the health of the scientific staff and the capability and throughput of the laboratory. Concern for operator safety and comfort is a critical feature of every Thermo Scientific microtome. Features such as adjustable specimen clamps, ergonomic handles, wraparound waste trays and memory functions, simplified Y-axis adjustment and especially designed wash hand and controls are designed to deliver maximum ergonomic comfort.

Comprehensive Range
Because every laboratory has different requirements a microtome. Thermo Scientific offers a comprehensive range of models to match the varying needs and preferences of our customers. Every model meets the highest level of quality expectations and provides a broad selection of accessories to ensure the needs and requirements of every laboratory are accommodated.

Thermo Scientific continues to lead the way in technological advancement delivering solutions not only in excelling quality but safety in processes, efficiency and ease of use.

Histological examination continues to be the gold standard for detection, diagnosis and characterisation of many clinical conditions, forming the basis for targeted and appropriate patient care. For this very reason the ability to generate a suitable section is a core skill, fundamental to every pathology laboratory and defining the microtome as an indispensable laboratory instrument.

All Thermo Scientific accessories are an extension of an extensive range of accessories to enable users to maintain high quality histological performance. With high levels of cross compatibility between the various models, customers are assured of a cost-effective way of configuring each microtome to deliver the maximum level of quality, throughput and sample turnaround demanded of histologists.
Thermo Scientific Finesse® 325
A simple, cost-effective microtome with sufficient functionality to meet all the requirements for routine clinical use.

Thermo Scientific HM325 Manual Rotary Microtome
For microtomists who prefer to “feel” when to section

Thermo Scientific HM340E Semi-Automated Rotary Microtome
A semi-automated rotary microtome combining manual operation and Cool Cut

Thermo Scientific ME+ Fully Automated Rotary Microtome
A fully automated microtome with 3 mechanised cutting modes

Thermo Scientific HM650V Fully Automated Microtome
A fully automated sliding microtome with 3 cutting modes

Vibrating Microtome
minimise cellular damage; safeguard your specimens