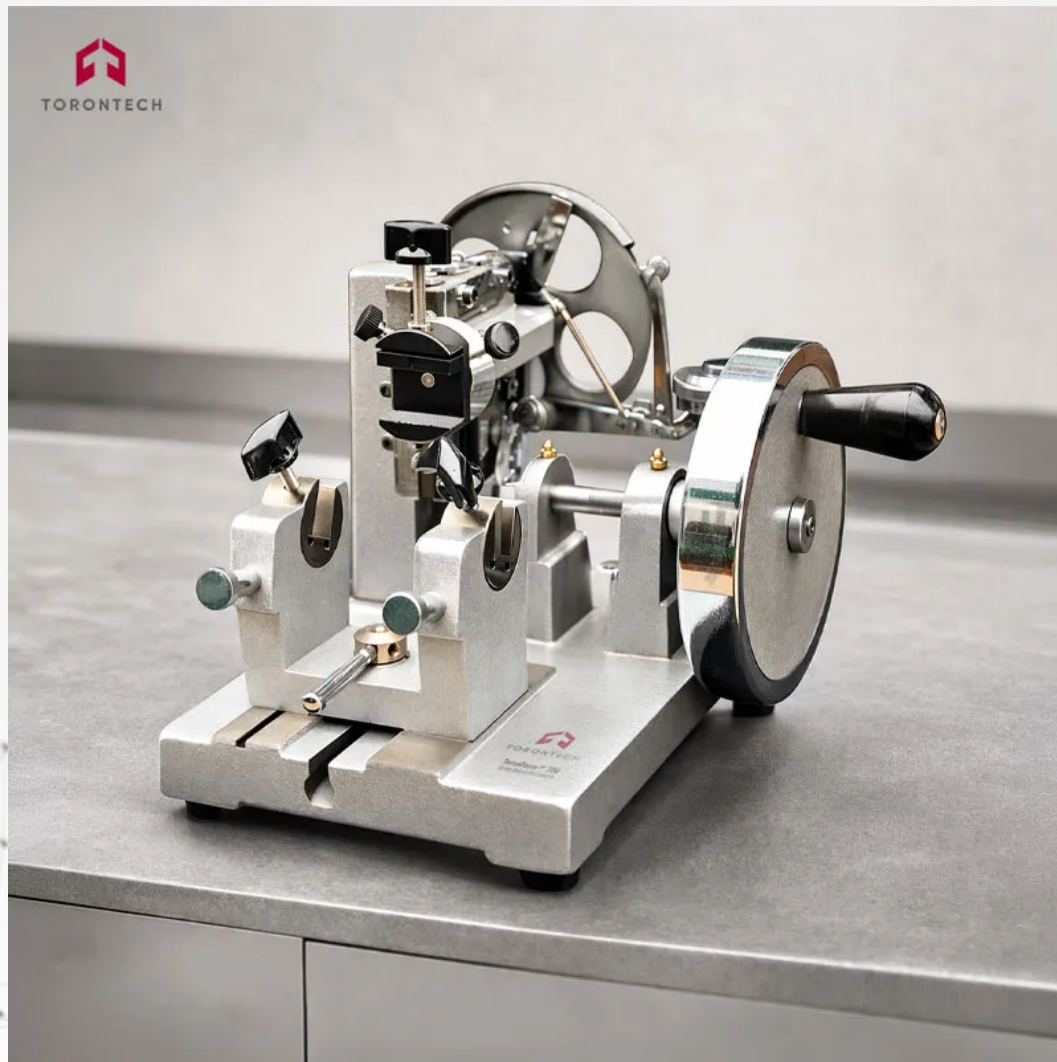




TORONTECH



BASIC ROTARY MICROTOME

Basic Rotary Microtome - ToronTome™ 200

Basic Rotary Microtome ToronTome™ 200 is a compact precision Microtome designed for routine sectioning of animal and plant tissue in pathology, histology, teaching, and general laboratory workflows. Basic Rotary Microtome - ToronTome™ 200 is a practical, cost-effective unit that uses a high-precision lead screw and guide rail to support accurate sectioning, stable performance, and easy operation.

This Rotary Microtome is positioned as a basic full-mechanical platform for laboratories that want dependable manual sectioning without a complex setup. Basic Rotary Microtome - ToronTome™ 200 is a simple, functional design with a forward-and-back movable knife carrier and horizontal steel-knife adjustment, which supports routine bench use and straightforward specimen handling.

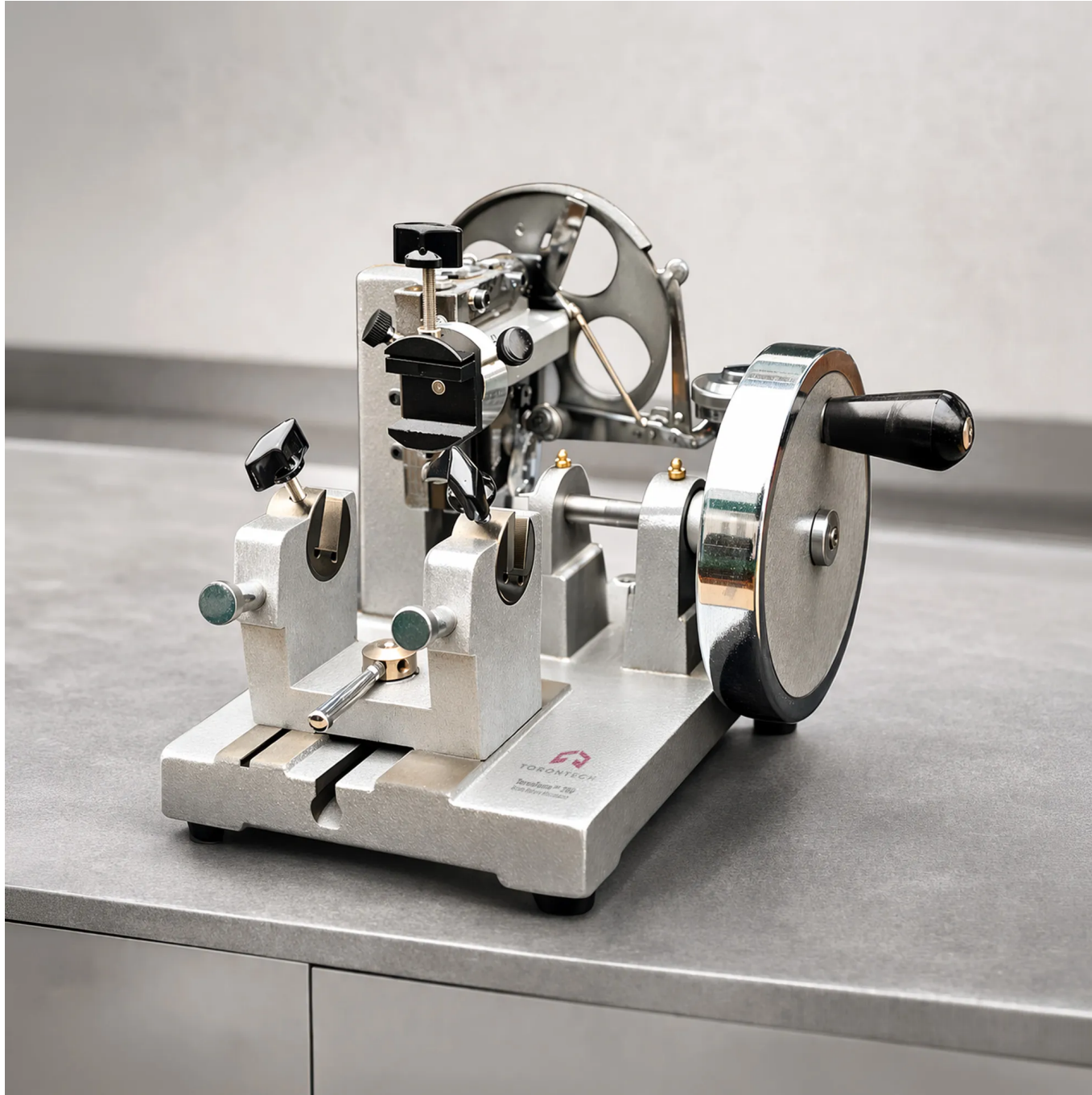
ToronTome™ 200 fits labs that need an entry-level sectioning solution with a compact footprint, standard accessories, and practical blade-holder options. Its design is well suited for daily tissue preparation where reliability, simplicity, and repeatable section thickness matter.

APPLICATIONS

Basic Rotary Microtome - ToronTome™ 200 Applications

- Histology and pathology laboratories: ToronTome™ 200 is suitable for routine tissue sectioning in histology and pathology settings. Mainly used for slicing animal and plant tissue, which aligns well with standard paraffin or embedded sample preparation before staining and microscopy.
- Teaching and training laboratories: this Microtome is also a practical fit for teaching environments that need a straightforward manual sectioning platform. Its basic full-mechanical design makes it useful for operator training, introductory histology work, and routine academic demonstration.

- General research laboratories: the compact footprint and simple operating concept also make this Rotary Microtome suitable for research and general laboratory sample preparation where users want direct handwheel control and a lower-complexity setup. This application is a reasonable use-case inference based on the supplier's description of wide application and easy operation.



Standards

- **ISO 9001:2008** is a foundational international standard for quality management systems that mandates strict process control and comprehensive documentation to ensure manufacturing consistency. Within the industrial testing sector, it established the rigorous framework for quality manuals and corrective actions required to guarantee that equipment consistently meets exact technical specifications and global regulatory compliance.

FEATURES

Basic Rotary Microtome - ToronTome™ 200 Key Features

- Basic full-mechanical design: this unit is a basic full mechanical microtome. That makes ToronTome™ 200 a practical option for laboratories that want a simple and functional sectioning platform.
- Accurate sectioning with lead screw and guide rail: uses a high-precision lead screw and guide rail to support accurate sectioning. This is one of the core design elements behind its repeatable cutting performance.
- Easy operation: this helps position the Microtome as a user-friendly option for routine daily work and training environments.
- Stable performance: that is important for a Rotary Microtome used in repetitive sectioning tasks.
- Cost-effective sectioning platform: this model as a functional and cost-effective solution. This makes it suitable for labs that need reliable sectioning without moving into a higher-cost automated platform.
- Forward-and-back knife carrier movement: the knife carrier can move forward and backward. This gives the user more flexibility in setting blade position for trimming and sectioning.
- Horizontal steel-knife adjustment: the steel knife can be adjusted horizontally. This helps the operator optimize blade placement during use.
- Compact benchtop size: with a small overall footprint, ToronTome™ 200 is suitable for routine installation on laboratory benches where space is limited. The supplier lists compact dimensions and moderate weight for daily use.

- Standard and optional accessory support: a standard clamp, blade carrier, cassettes, and steel knife, with optional accessories such as a blade holder, disposable microtome blade, and cassette clamp. This gives labs more flexibility when configuring the instrument.

THEORY & METHOD

Theory and Method

A Rotary Microtome cuts thin sections by advancing a specimen block toward a blade in controlled increments. The operator mounts the sample, aligns it, selects the desired section thickness, and rotates the handwheel to move the specimen through the cutting path. Section quality depends on feed stability, blade sharpness, specimen alignment, and smooth mechanical motion.

ToronTome™ 200 follows this classic manual sectioning method through a lead-screw-and-guide-rail design. ToronTome™ 200 model uses a high-precision lead screw and guide rail to support accurate sectioning, while the brochure indicates that the knife carrier can move forward and backward and that the steel knife can be adjusted horizontally.

This combination gives the operator practical control over blade position and specimen approach. For routine bench work, that helps support repeatable sectioning with a simpler mechanical workflow.

TECHNICAL SPECIFICATIONS

Basic Rotary Microtome - ToronTome™ 200 Technical Specification

Parameter	ToronTome™ 200
-----------	----------------

Product Type	Basic Rotary Microtome
Section Thickness	1-25 µm
Minimum Setting Value	1 µm
Maximum Section Size	35 × 25 mm
Horizontal Specimen Feed	35 mm
Vertical Specimen Stroke	46 mm
Dimensions	290 × 280 × 220 mm
Net Weight	18.5 kg

Standard Accessories

- Clamp (1)
- Blade carrier for steel knife or blade holder (1)
- Cassettes (50 pcs)
- Steel knife (1)

Optional Accessories

- Blade holder
- Microtome disposable blade
- Cassette clamp



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

