

 Made in Germany

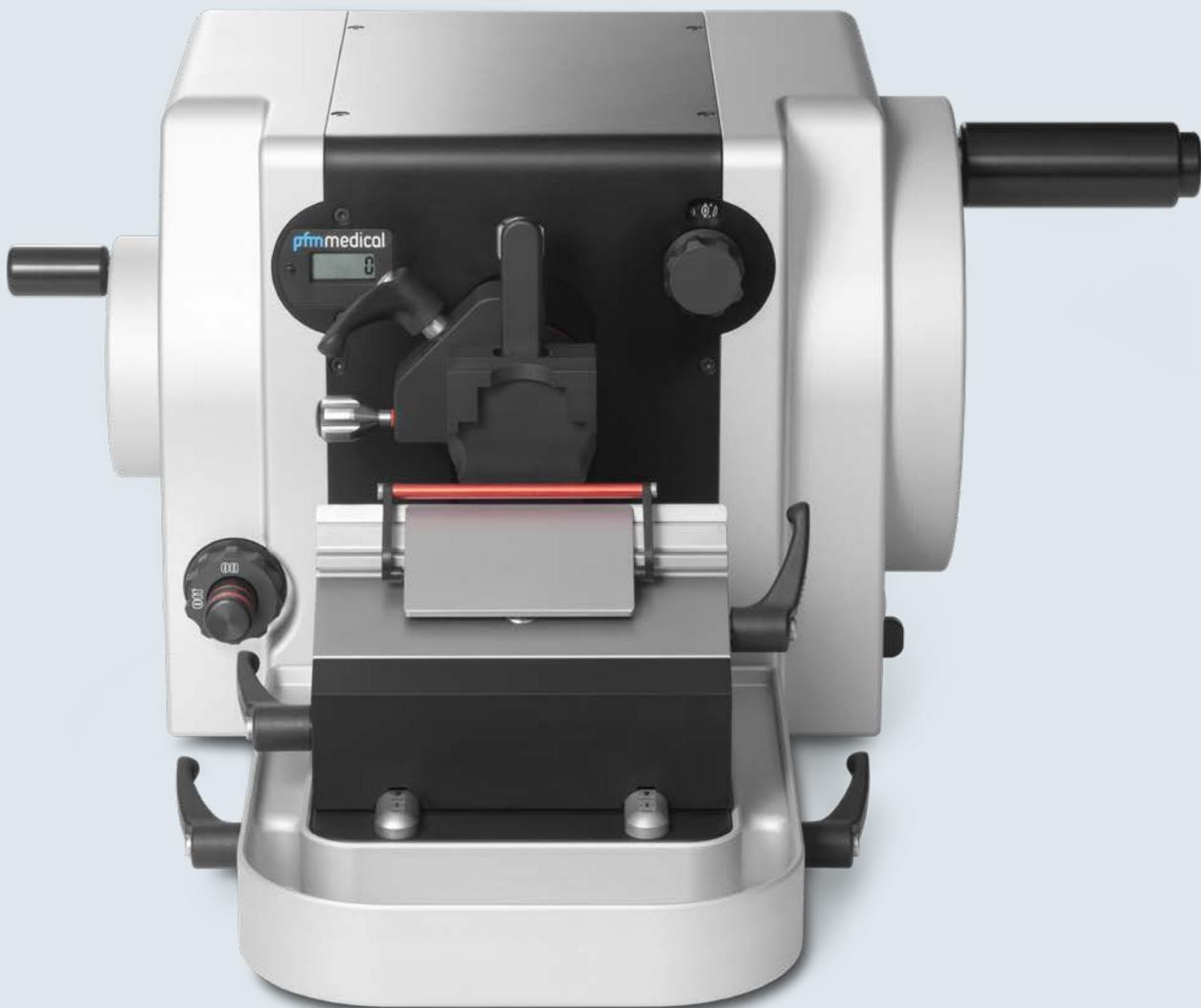
---

**Rotary Microtome**  
**pfm Rotary 3000**  
**Compact**

---

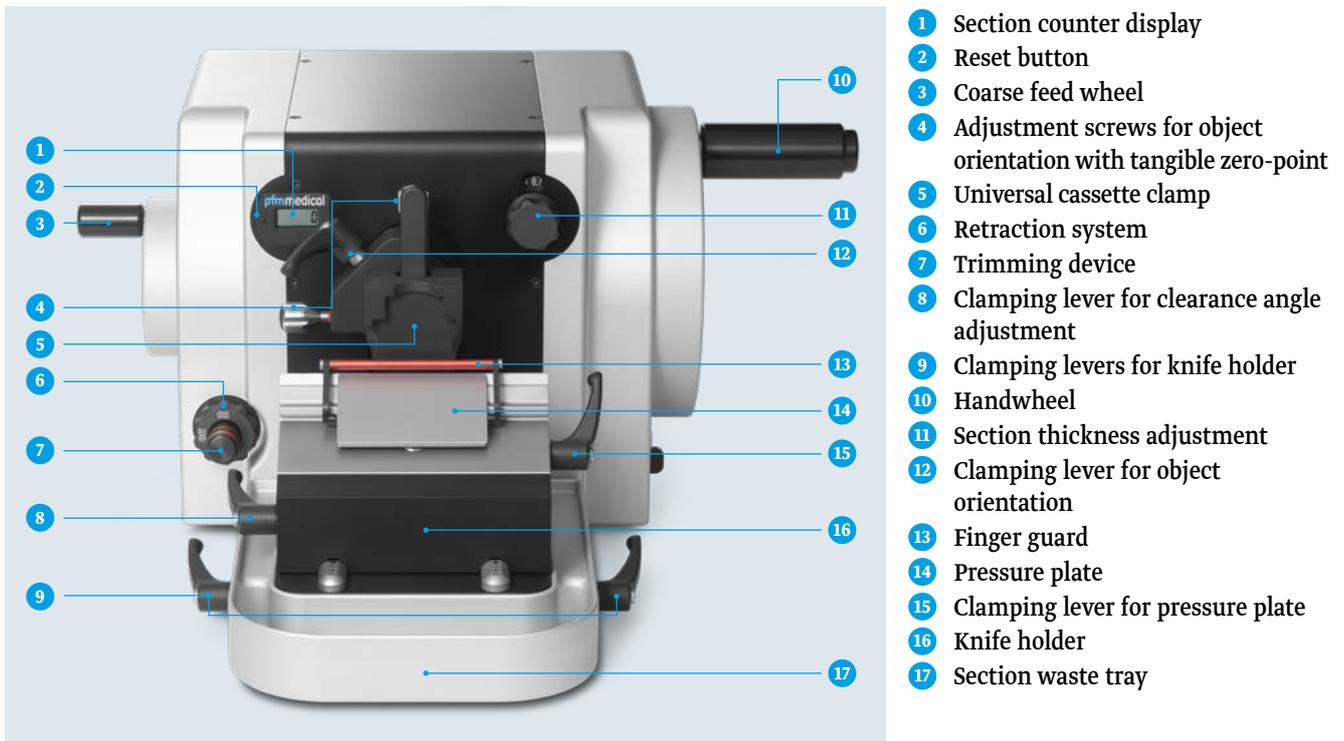
The pfm Rotary 3000 Compact is a compact, newly designed manual rotary microtome suitable for all applications in routine use, research and industry.

[www.pfmmedical.com](http://www.pfmmedical.com)



The **pfm Rotary 3000 Compact** is a high-performance, manual rotary microtome suitable for all applications in routine use, research and industry. Due to its clear and space-saving design the pfm Rotary 3000 compact offers increased ease of use. Equipped with the newest microtome technology it delivers maximum precision for consistently reliable cutting results in daily use. Quality - Made in Germany.

**View**



**Benefits**

**Excellent section quality**

The stable object and knife/blade holder system in combination with the horizontal and vertical cross-roller bearing system, guarantee maximum stability. This unique technology ensures reliable and consistently high sectioning quality. In combination with its ergonomic design, the pfm Rotary 3000 Compact is ideal for situations with high sample throughput.

**Convenient operation**

The new retraction system, which can be switched on and off, the smooth-running handwheel and the tangible zero-point object orientation enable comfortable and efficient operation.

**Safe operation**

During mounting of the object and knife the handwheel lock can be activated in order to prevent injury. A colour-marked finger guard offers additional safety in the area of the knife/blade edge.

**Easy cleaning**

The surface of the housing is fully anodized and easy to clean. The waste produced during sectioning is caught by the section waste tray and can be disposed of easily.

## Details

- ▶ Patented monolithic housing
- ▶ Handwheel locking system in every position
- ▶ Quick change system for object clamps
- ▶ Ease of object orientation due to tangible zero-point setting
- ▶ Retraction can be switched off
- ▶ Trimming device
- ▶ Section counter
- ▶ Finger guard
- ▶ Section waste tray

## Technical Data

- ▶ **Coarse feed:** manually via coarse feed wheel
- ▶ **Fine feed:** manually via handwheel
- ▶ **Section thickness:** 0.5 - 60  $\mu\text{m}$
- ▶ **Setting range:** 0.5 - 10  $\mu\text{m}$  in 0.5  $\mu\text{m}$  steps /  
10 - 20  $\mu\text{m}$  in 1  $\mu\text{m}$  steps / 20 - 60  $\mu\text{m}$  in 5  $\mu\text{m}$  steps
- ▶ **Trimming device:** two trimming steps 10  $\mu\text{m}$  and 20  $\mu\text{m}$
- ▶ **Retraction:** 30  $\mu\text{m}$ , can be switched off
- ▶ **Horizontal range:** 30 mm
- ▶ **Vertical range:** 60 mm
- ▶ **Object orientation:** x- and y-axes universal 8°,  
z-axis up to 360°
- ▶ **Maximum sample size:**
  - ▶ Universal cassette clamp (Standard Embedding Cassette)
  - ▶ Standard object clamp 40 x 45 mm
- ▶ **Dimensions (W/D/H):** 430 x 440 x 240 mm
- ▶ **Weight:** 30 kg

## Ordering Information

### pfm Rotary 3000 Compact

REF 0300310

- Scope of delivery**
- ▶ Base device
  - ▶ 1 Section waste tray
  - ▶ 1 Protective cover
  - ▶ 1 Operating manual IFU2003000
  - ▶ Without knife holder base and upper jaw
  - ▶ Without object clamp and adapters

## Ordering Accessories



### Universal cassette clamp

REF 010003

- ▶ Object clamp to be used with orientable adapter or fixed adapter
- ▶ Quick-release clamp system for all available cassettes
- ▶ Crossways and lengthways-clamping possible



### Universal cassette clamp, orientable

REF 013019

- ▶ Universal cassette clamp, orientable
- ▶ Quick-release clamp system for all available cassettes
- ▶ Crossways and lengthways clamping possible



### Standard object clamp

REF 010004

- ▶ Object clamp to be used with orientable adapter or fixed adapter
- ▶ Maximum specimen size: 40 x 45 mm



### Standard object clamp, orientable

REF 010044

- ▶ Orientable version with adapter
- ▶ Maximum specimen size: 40 x 45 mm

Ordering Accessories



**Adapter orientable**

**REF** 013016

- ▶ The orientable adapter is suitable for pfm Slide and Rotary microtomes
- ▶ For object orientation



**Adapter fixed**

**REF** 030055

- ▶ Adapter for direct adaptation



**Knife holder base**

**REF** 030051

- ▶ Designed to hold the upper jaw of the disposable blade holder
- ▶ Fixed to the microtome base plate using the knife holder mounting device



**Standard knife holder, upper jaw**

**REF** 030064

- ▶ For use with steel and tungsten carbide knives up to 16 cm length.
- ▶ With finger guard



**Disposable blade holder, upper jaw, low profile**

**REF** 030052

- ▶ For use with low profile disposable microtome blades (narrow blades).
- ▶ Removable pressure plate
- ▶ Easy to clean



**Disposable blade holder, upper jaw, high profile**

**REF** 030053

- ▶ For use with high profile disposable microtome blades (wide blades).
- ▶ Removable pressure plate
- ▶ Easy to clean



**Section waste tray**

**REF** 0300320

- ▶ Material: anodised aluminium
- ▶ Easy to clean

Contact

Should you have any questions our Customer Solutions Team is happy to advise you.

✉ [service@pfmmedical.com](mailto:service@pfmmedical.com)

☎ +49 (0)2236 9641-220

☎ +49 (0)2236 9641-51

pfm medical ag  
Wankelstraße 60  
50996 Köln, Germany

Certified according to  
DIN EN ISO 13485



(01) 04042301195418(10) 2019-12-16