

## **Specification for Microtome**

1. One-hand operated universal cassette clamp
2. **Section thickness:** Section thickness setting range: 0,5 – 100  $\mu\text{m}$
3. **Setting values:** from 0,5  $\mu\text{m}$  – 5  $\mu\text{m}$  in 0,5  $\mu\text{m}$ -increments from 5 – 20  $\mu\text{m}$  in 1  $\mu\text{m}$ -increments from 20 – 60  $\mu\text{m}$  in 5  $\mu\text{m}$ -increments from 60 –100  $\mu\text{m}$  in 10  $\mu\text{m}$ -increments
4. **Trimming section thickness setting range:** 1 – 600  $\mu\text{m}$
5. **Setting values:** from 1 – 10  $\mu\text{m}$  in 1  $\mu\text{m}$ -increments from 10 – 20  $\mu\text{m}$  in 2  $\mu\text{m}$ -increments from 20 – 50  $\mu\text{m}$  in 5  $\mu\text{m}$ -increments from 50 – 100  $\mu\text{m}$  in 10  $\mu\text{m}$ -increments from 100 – 600  $\mu\text{m}$  in 50  $\mu\text{m}$ -increments **Object feed:** 28 mm  $\pm$ 1 mm, feed motion via step motor **Vertical specimen stroke:** 70 mm
6. **Sectioning modes:** 4 Specimen retraction: in manual operation: 5 – 100  $\mu\text{m}$  in 5  $\mu\text{m}$ -increments, can be turned off in motorized operation: varying with the sectioning speed, can be turned off
7. **Electric coarse feed:** 300  $\mu\text{m/s}$  und 900  $\mu\text{m/s}$
8. **Sectioning speed:** 0,5 – 420 mm/s  $\pm$  10% **Maximum specimen size (L x H x W):** 50 x 60 x 40 mm **Specimen orientation:** horizontal: 8°, vertical: 8°
9. **Nominal supply voltages:** 100 / 120 / 230 / 240 V AC  $\pm$ 10% **Nominal frequency:** 50/60 Hz **Power draw:** 340 VA
10. **Dimensions basic instrument** Width (including hand wheel) 413 mm Depth (including waste tray) 618 mm Height (with storage area on cover): 305 mm **Erma Type Rotary Microtome, Dimensions: 560 X 470 X 300 mm**