




PRECISIONARY



ROTARY MICROTOMES TECHNICAL SPECIFICATIONS

For Histology & Pathology Solutions

For your convenience, we summarize below the technical specifications of our complete line of Rotary Microtomes:

| | | | |
|--|--|--|--|
| Model photo |  |  |  |
| Model Number | RF-600 | RF-800 | RF-1000 |
| Microtome Type | Manual | Semi-Automated | Fully Automated |
| Section Thickness Range | 0µm – 60µm adjustable as follows: 0µm – 2µm (in 0.5µm increments) 2µm – 10µm (in 1µm increments) 10µm – 20µm (in 2µm increments) 20µm – 60µm (in 5µm increments) | 0-99.9µm (in 0.1 µm increments) | 0.5µm – 100µm adjustable as follows: 0.5µm – 5µm (in 0.5µm increments) 5µm – 20µm (in 1µm increments) 20µm – 60µm (in 5µm increments) 60µm – 100µm (in 10µm increments) |
| Trimming Thickness Range | 0µm – 60µm adjustable as follows: 0µm – 2µm (in 0.5µm increments) 2µm – 10µm (in 1µm increments) 10µm – 20µm (in 2µm increments) 20µm – 60µm (in 5µm increments) | 0-999µm (in 0.1 µm increments) | 5µm – 600µm adjustable as follows: 5µm – 10µm (in 5µm increments) 10µm – 100µm (in 10µm increments) 100µm – 200µm (in 20µm increments) 200µm – 600µm (in 50µm increments) |
| Minimum Section Thickness | 0.5µm | 0.1µm | 0.5µm |
| Specimen Retraction | None | 0-99µm (Optional on/off) | 0-220µm (Optional on/off) |
| Horizontal Specimen Stroke | 23mm | 28mm | 20mm |
| Vertical Specimen Stroke | 58mm | 57mm | 60mm |
| Sample Rotation | 7° rotation in X-Y axes | 4° rotation in X-Y axes | 8° rotation in X-Y axes |
| Specimen feed speed | Coarse handwheel (manual) | Electronically adjustable | Electronically adjustable |
| Dimensions (L x W x H) | 22 in x 16 ¾ in x 11 ½ in | 22 ¾ in x 16 in x 12 ⅞ in | 19 ½ in x 16 ⅞ in x 12 in |
| Weight | 54 lb | 67 lb | 60 lb |
| Voltage & Power | None | 100-120V, 60Hz | 100-120V, 60Hz |
| Additional Accessories (Included for FREE!) | <ul style="list-style-type: none"> ● Universal paraffin specimen clamp ● Box of 50 cutting blades | <ul style="list-style-type: none"> ● Box of 50 cutting blades | <ul style="list-style-type: none"> ● Universal paraffin specimen clamp ● Foot pedal controller ● Side control panel ● Box of 50 cutting blades |