

Semi-Automatic Microtome

Introduction:

Microtome is used for sectioning thin and uniform tissue slices. The BK-2238 Microtome can section slices between 0 and 100μm and and trimmings between 0 and 600μm with a minimum adjustable index value of 0.25μm, which enables fast and accurate slicing operations. Equipped with a lengthening blade adapter and tool post to protect the safety of the operator and enable better tool retracting.



Features:

- \* Precision cross-roller guide, equipped with stainless steel holder, to ensure long-lasting operation of the equipment.
- \* Equipped with multi-angle adjustment device and embedding chuck.
- \* With sectioning/trimming, sectioning counting, retraction display(retraction range, feed travel of small hand wheel, feed direction of hand wheel) function.
- \* Magnetic removable waste chute, easy to clean.
- \* Two-piece storage board, which can place blade embedding box and other related disposable items.
- \* Large hand wheel double lock, and can be single-locked at any point, also double-locked at the highest point and any point, to ensure the safe exchange of knives and samples.

Technical Parameters:

| Model                        | BK-2238                                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Sectioning Thickness Range   | 0.25~100μm                                                                                                                |
| Trimming Thickness Range     | 0~600μm                                                                                                                   |
| Retraction Range             | 0~200μm                                                                                                                   |
| Mini. Sectioning Thickness   | 0.25μm                                                                                                                    |
| Precision                    | ±5%                                                                                                                       |
| Velocity of Small Hand Wheel | 25μm, 50μm, 75μm, 100μm, 125μm                                                                                            |
| Max Specimen Size            | 70*70mm                                                                                                                   |
| Specimen Stroke              | Horizontal: 28mm, vertical: 70mm                                                                                          |
| Tool Holder Stroke           | The maximum movement of the tool holder base is 60mm, and the maximum left and right movement of the tool holder is 23mm. |
| Sample Adjustment Direction  | Horizontal 8°<br>Vertical 8°<br>Rotation 360°                                                                             |
| Power Supply                 | AC110/220V, 50/60Hz                                                                                                       |
| Power                        | 100W                                                                                                                      |
| External Size(W*D*H)         | 605*465*340mm                                                                                                             |
| Net Weight                   | 35kg                                                                                                                      |
| Packing Size(W*D*H)          | 725*590*590mm                                                                                                             |
| Gross Weight                 | 55kg                                                                                                                      |

Automatic Microtome



Introduction:

Microtome is used for sectioning thin and uniform tissue slices. The BK-2228 Microtome can section slices between 0 and 100μm and and trimmings between 0 and 600μm with a minimum adjustable index value of 0.25μm, which enables fast and accurate slicing operations. Equipped with a lengthening blade adapter and tool post to protect the safety of the operator and enable better tool retracting.

Features:

- \* Precision cross-roller guide, equipped with stainless steel holder, to ensure long-lasting operation of the equipment.
- \* Equipped with multi-angle adjustment device, easy to use. (Optional embedding chuck)
- \* Magnetic removable waste chute, easy to clean.
- \* Two-piece storage board, which can place blade embedding box and other related disposable items.
- \* Large hand wheel double lock, and can be single-locked at any point, also double-locked at the highest point and any point, to ensure the safe exchange of knives and samples.

Technical Parameters:

| Model                       | BK-2228                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Sectioning Thickness Range  | 0.25~100μm                                                                                                                |
| Trimming Thickness Range    | 1~600μm                                                                                                                   |
| Retraction Range            | 0~200μm                                                                                                                   |
| Mini. Sectioning Thickness  | 0.25μm                                                                                                                    |
| Automatic Sectioning Speed  | 35~140pcs/min                                                                                                             |
| Precision                   | ±5%                                                                                                                       |
| Max Specimen Size           | 70*70mm                                                                                                                   |
| Specimen Stroke             | Horizontal: 28mm, vertical: 70mm                                                                                          |
| Tool Holder Stroke          | The maximum movement of the tool holder base is 60mm, and the maximum left and right movement of the tool holder is 23mm. |
| Sample Adjustment Direction | Horizontal 8°<br>Vertical 8°<br>Rotation 360°                                                                             |
| Power Supply                | AC110/220V, 50/60Hz                                                                                                       |
| Power                       | 150W                                                                                                                      |
| External Size(W*D*H)        | 600*495*340mm                                                                                                             |
| Net Weight                  | 40kg                                                                                                                      |
| Packing Size(W*D*H)         | 725*615*590mm                                                                                                             |
| Gross Weight                | 60kg                                                                                                                      |