

We offer a full range of preparation equipment, microscopes and accessories for material science and other applications

PreciCut 7000



Description

- The PreciCut 7000 is a precision section saw that is designed for cutting all types of materials with ease and selected cutting wheels, offering low deformation cutting.
- This machine offers a cutting capacity of 50mm diameter. It also features height adjustment of the wheel with a range of 40mm offering wheel wear compensation.
- A three axis control system allows for multi-cutting of samples and ease of setting up in a range of vices available for the 250mm x 200mm T slot bed.

Features

- | | |
|---|--|
| • T Slot Table | 250 X 200 mm (10 mm slot) |
| • X axis | 50 mm(manual) |
| • Y axis | 190 mm |
| • Z axis (verticle) | 50 mm |
| • Feed speed mm per minute min | 0.005 mm per sec |
| • Feed speed mm per minute max | 5 mm per sec |
| • Maximum wheel size | 75 to 203mm |
| • Maximum cutting capacity | 50mm |
| • Variable speed range | 100-5000 RPM |
| • Motor | 1.5 KW |
| • Laser Positioning | Option(at extra cost) |
| • Recirculating System | 20 litres |
| • Arbour Size | 12.7mm |
| • Electronic travel measuring | Stepper motor with encoder |
| • Cutting Force dependant speed control | Intelligent Feed Control for Over Load of the Sample |
| • Automatic Pulse cutting | Pulse cutting |
| • Step cut/ Diagonal cut. | Step cutting & continuous cutting |
| • Direct Positioning Via Joystick | Yes |
| • Current safety Standards | Door Interlock (optional) |
| • LED illumination | YES |
| • Power Supply | 230v/ 50 Hz |
| • Size | 810X810 X500 mm |
| • Weight | 202 KG |

