

MiniPlane

The Mini Plane is designed to cut hard & soft, non-embedded biological & industrial materials into thin slices for microanalysis.



The MiniPlane enables you to shave off the surface of a material such as a polymer and cut a controlled and consistent sized section of uniform thickness optimized for measurement. The Mini-Plane permits to cut the cleanest thin sections most uniform in thickness.



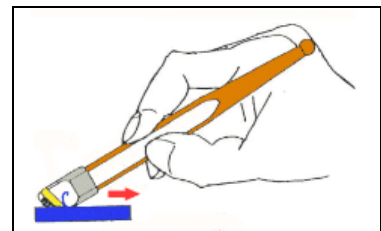
Variable depth shoe:

The blade depth can be adjusted, so that serial sections of the same thickness can be cut easily.

The Mini-Plane permits to cut the cleanest thin sections more uniform in thickness.

Features:

- Provides excellent control & reproducibility of the section
- Adjustable knife edge to control the thickness of the sample
- Allows you to cut sections of various thickness with the same knife
- Reduces the mechanical damage to the specimen
- Comfortable wooden handle provides ultimate control of blade
- Replaceable blades save cost and add versatility



How to use the Mini Plane

- Place the bottom surface guide of the Mini Plane on the sample surface
- Just pull the blade along the surface of the sample
- The section will curl off of the end of the blade as it is being cut

- NEW: MiniPlane Also For Left-Handed -

Single Crystal Diamond Blade

- Used for planning hard polymers, multi-layered samples with metallic content, cutting inorganic
- Materials or coatings from metallic surfaces
- Ideal for cutting multilayer polymers
- Cutting width of 0.7mm

Carbide Steel Blade

- Best used for cutting thin sections of most polymers, coated materials, tissue samples and hard samples.
- Cutting width of 1,5mm

Application Areas

- Polymer analysis
- Coatings analysis
- Multi layer materials
- Inorganic materials
- Tissue samples

► See how it works on  our channel: <https://www.youtube.com/user/welovespectroscopy>

ORDERING INFORMATION

Part Number

STJ-01331
STJ-01333
STJ-0133SD
STJ-0133D
STJ-0133M
STJ-0133H
STJ-0133P
STJ-0133A

Description

Mini Plane w/Carbide steel
Mini Plane w/Single Crystal Diamond
Repl.Dia.blade for MiniPlane (Single Crystal)
Repl.Dia.blade for MiniPlane
Rep.Carbide Steel Blade
Handle/MiniPlane
Paper Holder (100 pieces)
Aluminum Handle

