

## Geoform Thin section Cutting and Grinding Machine



GEOFORM is a precision thin sectioning instrument for mineralogy, combining cutting and grinding functions. With the cutting module, using diamond or CBN wheels up to 200mm diameter, the specimen is fixed on a holder with a vacuum and re-sectioned up to a thickness of approx 0.5mm. Water cooling avoids deformation.

The grinding module is designed for precision grinding. A universal vacuum holder accepts different sizes of glass slides by changing the location pins. A vacuum pump delivered as standard holds the glass slide fixed on the holder during the grinding process. A built in digital micrometer ensures high precision and the specimen is ground with an accuracy of 2 microns.

Supplied without diamond cut off wheels.

### Specification

- Precision thin section cutting and Grinding machine
- Diamond or CBN Cut off Wheels; Ø200mm
- Specimen holder with vacuum for standard slides
- Vacuum chuck to hold a variety of slide dimensions
- Built in micrometer with digital readout for precise grinding of material
- Water cooling
- Electrical: 220-1-50

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