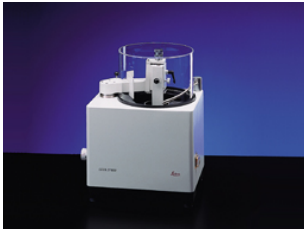


Leica SP1600



Leica SP 1600-- Saw Microtome

044021768

Leica SP1600 Saw Microtome
Basic Unit - 230V /50 Hz

The Leica SP1600 is designed for high-quality sample preparation (sawing) of hard materials for microscopic analysis.

The Leica SP1600 saw microtome is specially designed for the cutting of extremely hard and brittle materials.

Implant materials such as steel, titanium or bioceramics cause any problem in the preparation.

Preparation of hard materials without destroying the morphology of the specimens.

The Leica SP1600 is very often used as a preparation instrument for the Leica SM2500 with SP2600 (Ultramiller).

Technical Specifications:

- Rotating diamond saw blade (speed up to 600 rpm).
- Specimen feed adjustable in 10 µm increments.
- Minimum section thickness: 30 µm.
- Horizontally rotating saw blade with internal hole (83 mm / 3.27 inches diameter)
- Saw blade with diamond coated cutting edge of 280 µm thickness
- Specimen advance effected by a spring
- Cylindrical specimen clamping device for spec. sizes 6-30 mm / 0.24-1.18 inches diam.
- Specimen advance speed adjustable to the properties of the material by means of a hydraulic drive
- A built-in water cooling prevents overheating of the sample and carries the dust away

Technical Data:

- Dimensions: (LxWxH) 600 x 500 x 580 mm
- Dimensions: (LxWxH) 23.62 x 19.69 x 22.83 inches
- Weight: 46 kg / 101.32 lbs
- Mains voltage: 230 V/50 Hz
- Admissions: GS, DE
- Operating temperature range: +15°C up to +40°C
- Relative air humidity: max. 80 %, non-condensing

Standard delivery includes:

- 1 Basic instrument including specimen holder
- 1 Splash-protective (lid transparent)
(0440 22704)
- 1 Pressure tube (0440 22645)
- 1 Drain tube (0440 22697)
- 1 Inlet hose (0440 36531)
- 1 Cover ring (0440 22701)
- 1 Tool set:
 - 1 Allen key, size 4 (0222 04139)
 - 1 Allen key, size 6 (0222 04141)
 - 1 Screw driver, size 5.5 x 200 (0170 10702)
 - 1 Double open-ended wrench, size 17 x 19
(0195 19536)
- 1 Instruction manual Leica SP1600 - English