



Secotom-1 has been designed for manual cutting of PCB's and similar applications. With the large cutting table and the adjustable guide rail, PCB's of all different shapes and sizes can easily be sectioned for sample preparation.

Secotom-1 can also be used for sectioning all other types of thin plates of materials, which can be cut with a resin or metal-bonded diamond cut-off wheel. This could be ceramic sheet or plate material, tiles or other glass or carbon fibre reinforced materials.

Cut-off machine for cutting of PCB's and other thin plates

Large cutting table with built-in illumination and guide rail

Built-in wheel cooling

Very easy to operate



*Illumination from below
- makes positioning
easy and precise*

Easy to operate

Secotom-1 is very easy to operate. As soon as the start button is pressed the light in the cutting table is switched on and the cut-off wheel starts rotating. The PCB can then be positioned in front of the cut-off wheel so that the cut can be performed exactly where necessary.

Adjustable guide rail

The guide rail is easily adjusted sideways and allows PCB or other sample material to be moved exactly parallel to the cut-off wheel.

Illuminated cutting table

To make positioning of the PCB as easy and precise as possible, the manual cutting table is illuminated from underneath. This allows very small holes in the PCB or even the copper conductor paths to be identified through the PCB.

Built-in wheel cooling

Secotom-1 has a built-in wheel cooling system, which ensures a constant low temperature during the cutting process, thus avoiding damage of the sample surface. At the same time the water holds on to the particles created during cutting, reducing the risk of inhalation.

Technical data

	Secotom-1
Cutting motor	800 W
Cut-off wheel sizes	203 mm / 8" dia.
Dimensions and weight	Height: 335 mm / 13.2" Width: 575 mm / 22.6" Depth: 735mm / 28.9" Weight: 46 kg / 101 lb
Rotational speed:	2800 rpm at 50 Hz 3400 rpm at 60 Hz
Cutting power	800 W
Cutting capacity	17 mm high

Specifications

Secotom-1

Cut-off machine for manual cutting. Complete with cutting table with built-in illumination. Angular cutting table with longest sides (DxW) 500 x 520 mm. Cut-off wheels are ordered separately.

See special brochure for more information about cut-off wheels.

Struers' equipment is in conformity with the provisions of the applicable International Directives and their appurtenant Standards. (Please contact your local supplier for details)

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.

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