

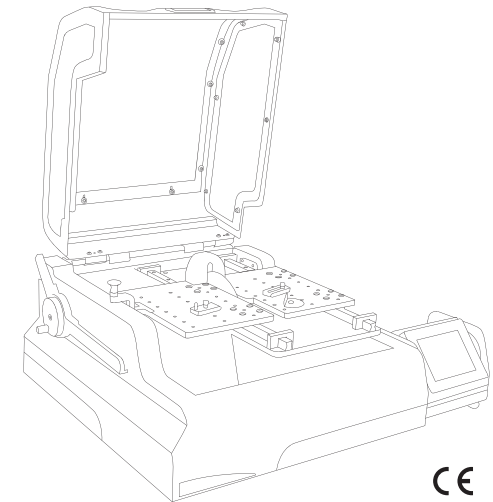
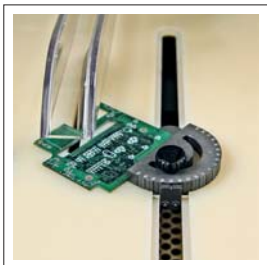
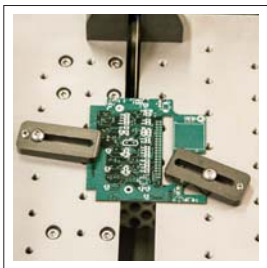
FLEXICUT

MICRO-CUTTING MACHINE DEDICATED TO PCB AND FLAT SAMPLES

Ref. 51800

A compact machine designed for cutting PCBs (Printed Circuit Boards) and flat samples. There are three modes of cutting:

- Longitudinal mode: for sectioning PCBs
- Fixed mode: for sectioning PCBs
- Micro-sectioning mode



CE

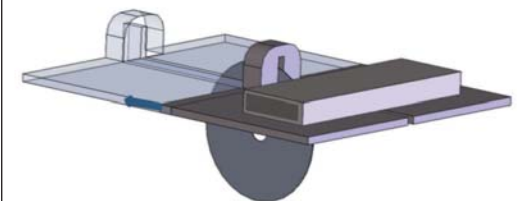
375mm
(closed lid)

665mm

800mm

52kg

CUTTING ENVELOPE*



0 - 230mm



Ø 150: 200 x 200 x 14mm
Ø 180: 200 x 180 x 29mm
Ø 200: 200 x 170 x 39mm

* This illustration of the cutting envelope is to show the maximum theoretical capacity only. The actual capacity may be increased, depending on sample material, cutting frequency and selected flanges.

CHARACTERISTICS

HOOD	
Type	PETG enclosure with metal hinges
Safety	Closure switch to cut off motor when hood opened
Fumes extraction outlet	45mm
MOTORIZATION - POWER SUPPLY	
Power	575W
Power supply	220 V / Single phase / 50 Hz-110 V / Single phase / 60 Hz
CUT-OFF WHEELS	
Type of cut-off wheels	Resin bonded and metal bonded
Cut-off wheel size range	From Ø 75 to Ø 180mm - Ø 200mm for PCB cutting
Rotation speed	From 300 to 2.500 RPM
Arbor size	Option: slow speed kit from 100 to 1.200 RPM 12.7mm
CONTROL	
Control Interface	Color touch control screen
Security Access	Can activate password protection
CUTTING	
Cutting method	Manual or by gravity (Weight/counter-Weight)
Type of table movement	Fixed or moving table options (Y axis) for PCB sectioning
Y axis range	Length of Y axis traverse - 230mm
X axis range	100mm X-axis movement of the sample carrier arm
Table dimensions	Longitudinal movement table option for PCB cutting: 385 x 250mm Fixed table option for PCB cutting: 430 x 520mm
Table material	Option table with longitudinal movement - micro-rollers
Holders	Sample carrier arm will accept a wide variety of holders
LUBRICATION - COOLING	
Pump & tank	Integrated - Capacity 2.8 L
Type of lubrication	Recirculating pump or drag feed
Method of directing pumped coolant	A single alignable nozzle
Type of filtration	Exchangeable paper filters
ERGONOMICS	
Spray nozzle for cleaning	Integrated

See FLEXICUT video link



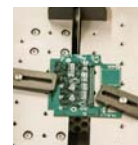
ACCESSORIES

VICE



Mini screw vice
Ref. 51722

TABLES AND POSITIONING



Forward movement stage for PCB Cuts.
Supplied with 2 pad flanges
Ref. 51801



Fixed stage for PCB cuts.
Supplied with an angular guiding device
Ref. 51802

SAMPLE CHUCKS



V Shaped sample chuck
Ref. 51715



Vice chuck for longitudinal cuts
Ref. 51717



Vice chuck for longitudinal cuts (length 53mm)
Ref. 51718



Chuck for small samples (vice type).
30mm max
4 mm on request
Ref. 51713



Orientable chuck (to be used with aluminium plates)
Ref. 51162 and 51163
Ref. 51156



Chuck for cylindrical sample
Ref. 51714



Irregular shaped sample chuck
Ref. 51716



Set of 5 Aluminium plates for samples sticking
60 x 25mm - Ref. 51162
40 x 25mm - Ref. 51163

OTHER ACCESSORIES



Self lighting LED on magnetic base
Ref. 51730

Set of 10 filters for Flexicut
Ref. 51721

Low speed kit 100 to 1200 RPM T202/Flexicut
Ref. 51720

FLANGES



Set of 2 flanges Ø 35mm for wheel Ø 75 to 100mm
Ref. 51710



Set of 2 flanges Ø 50mm for wheel Ø 100 to 150mm
Ref. 51711



Set of 2 flanges Ø 75mm for wheel Ø 150 to 180mm
Ref. 51712