

4 PCB Separator MAESTRO 2/2M



MAESTRO 2 separates small amount and prototype series of PCBs fast and economically. The compact and stable aluminum frame requires only a minimum of space.

MAESTRO 2

is the reasonable model to start with, suitable for smaller numbers of PCBs. The PCB is fed manually between the circular blades and is thereby separated.

MAESTRO 2M motorized

Separates large numbers of PCBs without fatigue of the operator. The lower circular blade is driven by a motor. The PCB is fed between the circular blades where it is seized, transported and separated. Three different speeds can be selected.

Strain of components

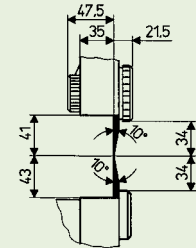
Frequently for critical components an upper limit of tensile stress will be determined. Please ask us regarding possibilities to reduce tensile stress of components.

Save Operation

The PCB is held with both hands and fed between the circular blades for separation. The clearance between the upper guide **1** and the lower guide **2** is adjustable to ensure that the PCB is only fed through the machine in the pre-scored groove.

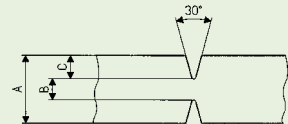


Maximum height of components next to the groove



PCB thickness A	0.8 - 3.2 mm
Remaining PCB thickness B	typical 1/3 of Dim. A max. 0.8 mm
Depth of scoring C	min. 0.25 mm
Increase in external dimensions after separation	0.1 - 0.2 mm

The pre-scored grooves can be interrupted by cutouts with a length of up to approx. 5 mm.



Technical Data

Separation type	Component side circular blade Solder side circular blade
Operation	MAESTRO 2 by hand MAESTRO 2M motor-driven
Separation speed 2M	100/200/300 mm/s
Separation length	15 - 300 mm
Mains voltage 2M	230/115 V ~ 50 - 60 Hz
Earthing stud	Ø 10 mm
Operating temperature	10 - 35° C
Storage/transport temp.	-20 - 50° C
Humidity non-condensing	10 - 85%
Safety regulations	CE, FCC class 1
Weight	MAESTRO 2 16 kg MAESTRO 2M 19 kg
Dim. H x W x D	330 x 195 x 620 mm

Part No.

Description

8933900	PCB Separator MAESTRO 2
8933935	PCB Separator MAESTRO 2M

Pos.	Part No.	Spare parts	PU
1	8930509	Upper circular blade	1
2	8930744	Upper guide	1
3	8933661	Lower circular blade	1
4	8930745	Lower guide	1