

## 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

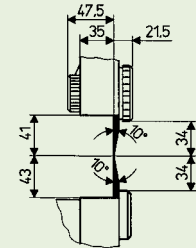
Frequently for critical components an upper limit of tensile stress will be determined. Please ask us regarding possibilities to reduce tensile stress of components.

### 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.

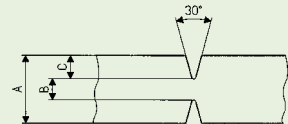


Maximum height of components next to the groove



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

<b>8933900</b>	PCB Separator MAESTRO 2
<b>8933935</b>	PCB Separator MAESTRO 2M

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