

## PCB SEPARATOR

### MAESTRO 2 MAESTRO 2M motorized



**MAESTRO 2 separates PCBs fast and economically.**

**The circular blades and guides made from special steel ensure a long service life.**

**The compact and stable aluminium frame requires only a minimum of space.**

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

#### Careful Separation

The clearance between the circular blades can be precisely adjusted with the rotary knob and is shown on the scale.

Tests made by the research center Karlsruhe have revealed that the larger the clearance between the circular blades, the smaller is the stress produced during the separation process.

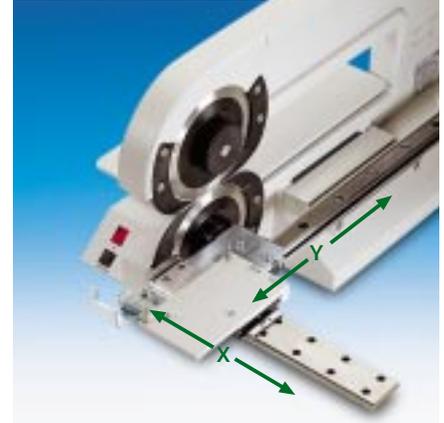
#### Safe Operation

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.

The extended lower guide **2** makes the feed-in of the PCB easier.

The PCB is held with both hands and fed between the circular blades for separation.





Description	Part No.
PCB Separator MAESTRO 2	8930500

The PCB is fed manually between the circular blades and is thereby separated.  
 MAESTRO 2 is the reasonable model to start with, suitable for smaller numbers of PCBs.

Description	Part No.
PCB Separator MAESTRO 2M	8930599

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. MAESTRO 2M separates large numbers of PCBs without fatigue of the operator.

Description	Part No.
PCB Separator MAESTRO 2M with slide table	8932300

MAESTRO 2M with slide table, especially for thin PCBs with narrow, scored grooves.

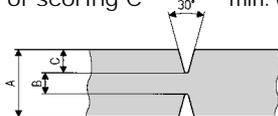
The PCB is laid onto the slide table through the tooling holes.

The width of the linear guide in the X direction may be adjusted to suit the PCB and ensure that the blade only cuts the groove.

The PCBs are separated as the slide table is moved in the Y direction.

The separated PCB will remain on the height-adjustable table.

PCB thickness A 1.0 - 3.2 mm  
 Remaining PCB thickness B typical 1/3 of dimension A  
 min. 0.3 mm, max. 0.8 mm  
 Depth of scoring C min. 0.25 mm



Increase in external dimensions after separation 0.1 - 0.2 mm

#### Technical Data

Separation type	Component side circular blade
	Solder side circular blade
Operation	MAESTRO 2 by hand
	MAESTRO 2M motorized
Separation speed MAESTRO 2M	100/200/300 mm/sec.
Separation length	15 - 300 mm

Mains voltage MAESTRO 2M	Dual voltage 230/115 V ~ 50 - 60 Hz
Earthing stud	Ø 10 mm
Operating temperature	15 - 25° C
Storage/transport temperature	-20 - 50° C
Humidity, non-condensing	10 - 85%
Weight MAESTRO 2	16 kg
MAESTRO 2M	19 kg

The machines comply with the safety regulations of the EC directives.  
 Subject to technical alterations.

