

MAESTRO 3



MAESTRO 3 separates both small and large pre-scored PCBs.

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

The pre-scored grooves can be interrupted by any number of cutouts.

If components project above the groove, the linear blade needs to be cut out. In such a case, contact us.

Careful Separation

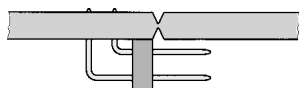
The clearance between the circular and linear blades can be precisely adjusted with the rotary knob and is shown on the scale.

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

Safe Operation

The PCB is placed with its pre-scored groove onto the linear blade and the circular blade is then drawn by hand across the PCB.

The clearance between the upper guide and the linear blade is adjustable to ensure that the PCB is only separated in the pre-scored groove.





Description	Part No.
PCB Separator MAESTRO 3E	8931220

The table and the rest can be continuously adjusted with a wrench to the most suitable working position.

The slit between the linear blade and the rest can be adjusted to ensure that the side strips fall through and are sorted out.

Description	Part No.
PCB Separator MAESTRO 3	8931200

The table and the rest can be continuously adjusted whenever necessary to the most suitable height with the rotary knob.

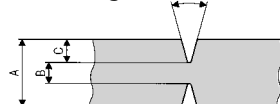
The slit between the linear blade and the rest can be adjusted to ensure that the side strips fall through and are sorted out.

In addition, the rest can be tilted by up to 30°, enabling the PCBs to slide down into a collecting box after separation.

PCB thickness A 1.0 up to 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 linear blade

Operation

by hand

Separation length

450 mm

Earthing stud

Ø 10 mm

Operating temperature

15 - 25° C

Storage/transport

temperature

-20 - 50° C

Humidity, non-condensing

10 - 85%

Weight

MAESTRO 3E 22 kg

MAESTRO 3 25 kg

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

