

PCB separator MAESTRO 4S

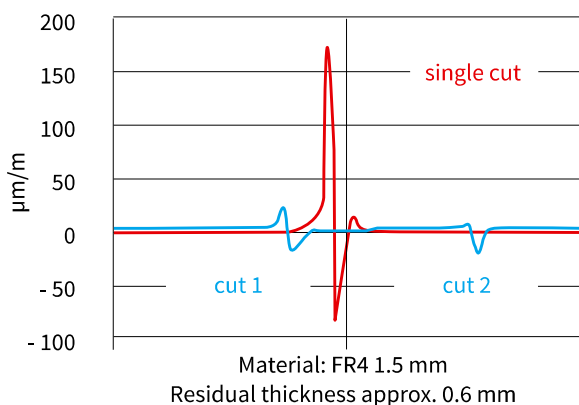


MAESTRO 4S separates both small and large PCBs quickly and economically without stress.

Key features:

- Blade distance to be entered on the operation panel is set motor-driven.
- Up to nine programs to be stored
- Separation length to be continuously adjusted via limit switches
- In terms of a preventive blade maintenance, the cutting performance is displayed.

By traversing the milled groove once, tensile and compressive stresses can cause damage to sensitive components located close to the groove. A second traverse and simultaneous readjustment of the blade distance already reduces stresses considerably. The quality of the assembled PCBs improves significantly.



Dial gauge

In order to separate without stress and to achieve a long service life, the circular and linear blades have to be guided along the entire separation. The dial gauge setting and regularly checking the parallelism is assembled to the carriage.



Technical data	4S/450	4S/600
Separation method	Component side	Circular blade
	Solder side	Linear blade
Operation	path-optimized, motor-driven	
Separation speed	300, 500 mm/s, to be switched	
Materials	FR4, aluminum	
Component height	Component/solder side up to 34 mm	
Separation length	up to 450 mm	up to 600 mm
Support table depth	200 mm	
Programming		
Start	Traverse to initial position	
Programs	9	
Separation steps	1 - 5	
Blade distance	0.9 - 0.05 mm	
Key button	Unlock program selection	
Performance display	up to 99 km	
DEL	Step reset	
Power switch	ON/OFF	
Foot switch	START separation	
Safety switch	E-stop	
Power supply	100 - 240 VAC, 50/60 Hz	
Emmission sound pressure level	LpA < 70 dB (A)	
Temperature / Operation	+ 10 - 35°C / 10 - 85 %	
humidity Stock	0 - 60°C / 20 - 80 %	
not condensing Transport	- 25 - 60°C / 20 - 80 %	
Width x Height x Depth	702 x 434 x 425 mm	852 x 434 x 425 mm
Weight	38 kg	46 kg
Approvals	CE, FCC Class A	

Part no.	Product	
8936800	PCB separator MAESTRO 4S/450	
8936800.520	PCB separator MAESTRO 4S/450/alu	
8936745	PCB separator MAESTRO 4S/600	
8936745.520	PCB separator MAESTRO 4S/600/alu	
Scope of delivery	PCB separator Power cable Type E+F, length 1.8 m Foot switch Allen key 2 mm Support table including assembly kit Dial gauge Operator's manual DE/EN	
Pos.	Part no.	Wear parts
1	8930509.001	Circular blade
2	8936615.001	Blade protection
3	8936614.001	Blade protection
4	8933394.001	Linear blade 450
	8933682.001	Linear blade 600

