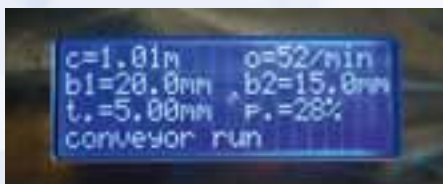


# RBM 402 KF

## BRUSHING MACHINES

The RBM 402 KF series is the highest developed brushing machine in our range and can be used for practically all cleaning operation during PCB manufacturing. It is ideally suited for professional prototyping or smallbatch production in modern PCB laboratories. The RBM 402 consists of a double sided wet processing brush compartment, a rinsing and a following squeeze-off zone and hot air drying compartment. The solid construction guarantees proper function and a long life time with a minimum of maintenance.



### Features:

- simple brush exchange via quick change device
- precise parallel brush adjustment with hand wheel
- Oscillation and transport are stepless adjustable
- Digital read out for board thickness and power consumption of the brush motor
- Upper and lower brushing rollers are adjustable in pressure and have a digital read-out for the settings.
- The wet-processing system comes together with a powerful squeeze + hot-air dryer.
- The „KF“ is indicating an integral closed loop rinsing system. That is urgently recommended in order to comply with German and European waste water regulations.



Picture of RBM 402 KF

## RBM 402 KF

Working width:	400 mm
Conveyor speed:	0.2 - 2 m/min
Oscillation stroke:	10 mm
Oscillation frequency:	10 - 110 lifts/min
Brushing roller length:	410 mm
Brushing roller outside diameter:	89 - 91 mm
Brushing speed:	1360 rpm
Board thickness (rigid boards only):	0.3 - 5 mm
Board sizes:	(min.) 80 x 175 mm
Rinsing system water inlet:	19 mm
Rinsing system water outlet:	40 mm
Rinsing system water consumption:	26 l/min.
Power supply:	230 V, 50 Hz, max. 16A
Dimensions (LxWxH):	1110 x 750 x 1160 mm
Weight:	220 kg (RBM 402 KF) 170 kg (RBM 402 BLC)
Brushing stroke on upper roller:	max. 20 mm
Brushing stroke on lower roller:	max. 15 mm
Feed per turn of hand wheel:	0.266 mm
Brushing roller inner diameter:	35 mm
Rinsing system pressure: max.	1.5 bar

### Also available version:

**RBM 402 BLC:**  
bench-top low cost version

**RBM 402 KF:**  
closed-loop version with tank and candle filters