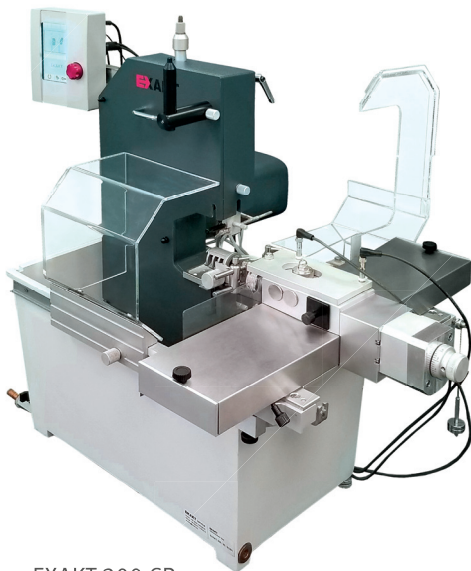
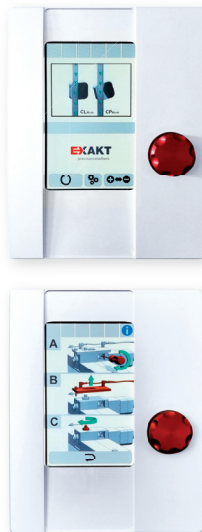




DIAMOND BAND SAW EXAKT 300 CP



EXAKT 300 CP



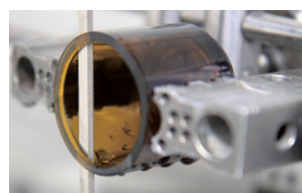
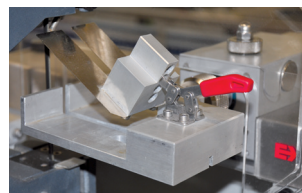
HIGHLIGHTS

- › No cutting risk for operator
- › Use for a wide variety of different materials and composites
- › Achieve excellent roughness values in one step with very little cutting loss
- › Minimal thermal loading of sample
- › Fine-tune coolant/lubricant
- › Fits every laboratory space due to compact size and space-saving design
- › User-friendly small control unit with colour display
- › Automatic sample positioning in CL Mode
- › Easy adjustment of rotation angle to 7,5°, 15°, 185° in CP Mode

The EXAKT 300 high-precision diamond band saw is specifically designed for cutting a wide variety of different materials and material composites. Its smooth coplanar cuts, depending on the diamond bands used, meet even your highest requirements for roughness values. Additionally, the standard coplanar feed and tailstock allow for a variety of sample holders making it easy to attach a large variety of sample shapes, sizes, and textures securely.

Set all your required parameters using the efficient control unit with a 5" colour display and a user-friendly navigation. Just position your sample in 5 µm steps automatically in CL Mode.

Or, set the best rotation angle to have your sample oscillate continuously using the touchpad display in CP Mode. The CP process offers even better roughness values and minimizes cutting times by ten.



TECHNICAL DATA

DIAMOND BAND SAW

EXAKT 300 CL & CP

Dimensions

Footprint (W x D x H mm)	1,000 x 800 x 850
Height (mm)	800
Working height (mm)	350
Base unit weight (kg)	approx. 50
Cutting band speed (m/min)	10–560

Sample processing dimensions

Max. cutting height (mm)	100
Max. cutting width (mm)	70

Coolant/lubricant supply

Flow water connection (dia. mm)	6
Return water connection (dia. mm)	14
Max. water fill (l)	approx. 5
Circulating pump	yes
Max. ambient temperature (°C)	40

Electrical connection machine

Version 1	Voltage (V)	1 x 220–240
	Frequency (Hz)	50–60
	Output (W)	120
Version 2	Voltage (V)	1 x 100–110
	Frequency (Hz)	50–60
	Output (W)	120

Power supply control unit **Version 1 & 2**

Voltage (V)	1 x 90–260
Frequency (Hz)	1 x 50–60

