

DIAMOND BAND SAW EXAKT 312 PATHOLOGY



Precise – Safe – Fast – Hygienic: The EXAKT 312 Diamond Band Saw is especially developed for the requirements of pathology today (human and veterinary medicine). Even the smallest cuts down to 1–2 mm can be realized freehand – and this without risk of injury to the operator. Whether soft tissue, bones, or implants in bone-tissue structure, everything can be cut quickly and easily. The results are remarkable, too, with achievable surface qualities of the cut sections which no other cutting method is able to produce. A first examination of the cut can usually be carried out immediately without further processing. Equipped with various options, the EXAKT 312 Diamond Band Saw can be specified according to different customer requirements.

HIGHLIGHTS

- › No risk of injury to the operator
- › Very low cutting loss
- › Complies with the latest standards for safety and hygiene in the medical field (EN ISO 13849-1)
- › Outstanding surface quality of the cut surface
- › Mobile and universal use
- › very easy to operate
- › Highly reliable but low operating cost



TECHNICAL SPECIFICATIONS

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Dimensions

Installation area (W x D x H mm)	1000 x 800 x 1800
Hight (mm)	1550
Operating hight (mm)	920
approx. weight (kg)	ca. 150
Speed cutting band (m/min)	200–1200

Tempering

Water connection – Inlet (Ø mm)	7,6
Water connection – Outlet (Ø mm)	28
max. ambiente temperature (°C)	40

Dimensions sample porcessing

max. cutting hight (mm)	220
max. cutting width (mm)	360
Working table (W x D mm)	685 x 600

Electrical connection

Variant 1: Voltage (V)	1 x 220–240
Frequency (Hz)	50–60
Power (W)	1100

Variant 2: Voltage (V)	1 x 100
Frequency (Hz)	50–60
Power (W)	1100

Variant 3: Voltage (V)	1 x 110–115
Frequency (Hz)	60
Power (W)	1100

