



The
femoral
head
specialist

CUT-GRINDER PRIMUS 2

THE DIAMOND PATHOLOGY SAW FOR DISSECTION AREA AND LABORATORY

SAFE – FAST – GENTLE

MAXIMUM CUTTING HEIGHT: 220MM

TekEquipment

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EQUIPMENT:

- *Motor protection with restart interlock*
- *Instant motor brake*
- *Impellers completely made of stainless steel*
- *Upper impeller can be completely removed*
- *Band saw blade is tensioned by a gas pressure spring - no adjustment errors possible.*
- *lower tray removable - suitable for the dishwasher*

TECHNICAL DATA:

- *230 V 50Hz*
- *Belt speed infinitely variable*
- *Wheel diameter 220mm*
- *Weight 60kg*
- *Installation area: (WxD) 400x400mm*
- *External dimensions (WxDxH) 500x590x870mm*

Cutting height: 220mm

BANDSAW BLADES:

- *0.3mm D 151 (recommended for femoral heads)*
- *0,3mm D126*
- *0,2mm D 64 (recommended for finer grindings e.g. teeth)*
- *0,1mm D64*



We attach great importance to the safety of our customers. For this reason, we have our diamond pathology saws regularly inspected by the Employer's Liability Insurance Association for safety and hygiene!



This stationary cut-off machine with fixed work table is specially designed for preparing tissue, bone and composite materials for histological evaluation and is therefore restricted exclusively for this use. A diamond-coated, high-precision cutting belt is used for cutting. The device works according to the principle of cut-thin grinding.

The fixed tub table is equipped with two insert plates. The tub has a separate drain.

For cooling and rinsing, normal tap water is supplied to the unit.

The connection is made to any tap and is possible without pressure reducer.

In addition, the supply of water is possible through a 1.5l water tank is possible.

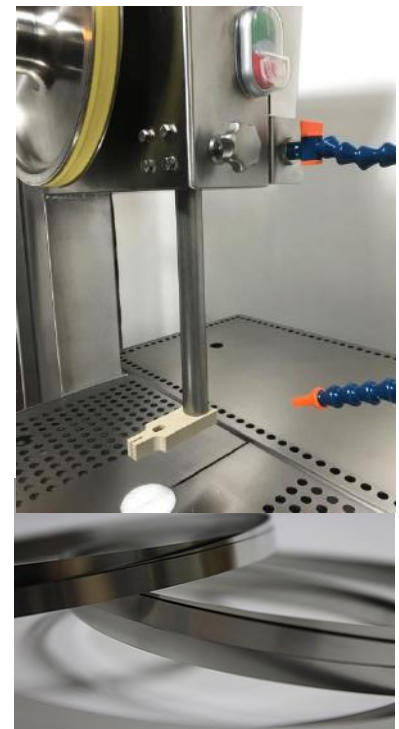


The speed control provides additional smoothness, safety when starting up the machine and a more stable cutting technique.



The band saw blade is driven via the drive pulley directly from an air-cooled motor.

When the appliance door is opened, the drive is switched off by a magnetic switch without run-on time.



The operator is protected by a splash guard without being obstructed in his view.

All external machine parts, including the separating belt, are made of rust-proof stainless steel.

The separating strap tensioning device allows quick replacement of the bandsaw blade as well as the relaxation during longer work breaks.



The adjustment device on the impeller makes it quick and easy to correct changes in the bandsaw blade rotation.



The impellers are equipped with special flat belts to increase running smoothness and protect the bandsaw blade and impellers. Yellow belts are consumables and must be replaced when worn.



Water and chips transported by the band saw blade collect in the lower collecting tray and are discharged into the drain.



Short decalcification times due to fine grinding technique!

The unit does not clean itself, but cleaning is easy!

To facilitate the drainage of water, two stainless steel insert trays with perforations are inserted into the drip tray.

The insert trays are intended for cleaning in the dishwasher.

Accident prevention devices

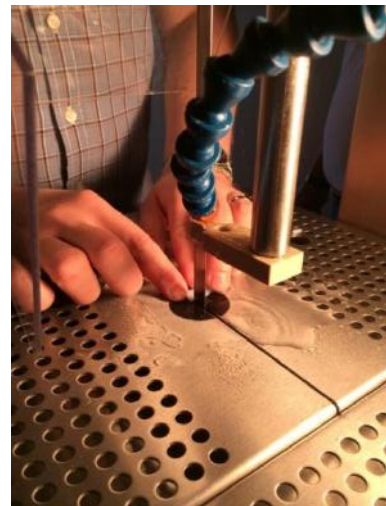
Door lock: Switch-on protection when the appliance door is open

Foil switch: Restart interlock - device cannot be restarted with the green button after the emergency stop function has been triggered. The stop button must have been pressed beforehand.

minimized risk of injury

no toothed saw band

***THE DEVICE IS ONLY APPROVED IN
CONJUNCTION WITH A DIAMOND BAND.***



Which device is right for you?

	cut-grinder	cut-grinder primus 2
Design	Stand-alone unit	Desktop device
Cutting height	310mm	220mm
Specialist for	Femur, larger implants	femoral head, jaw segment, smaller implants
Band saw blade thicknesses	0,1-0,4mm	0,1-0,3mm
Motor	2 KW	600 W
DGUV mark	yes	yes
adjustable speed	yes	yes
Band saw blade tension regulated via gas pressure spring	yes	yes
Water supply	direct	direct or via water tank possible
Upgrade with parallel guide possible	yes	yes
Weight	110kg	60kg

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