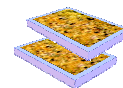




1.23.01 CUTTING & GRINDING MACHINE RECTILAME



PARTICULARITIES

The rectilame **1 23 01** is the perfect equipment for the realisation of little quantity of thin sections, as for monitoring of work on site.

The rectilame **1 23 01** is a bench type machine with two diamond tools.

The sawing head on the left of the machine, is fitted with a continuous rim blade to slice special shaped samples.

The samples to be sawn are held on a piece-holder and it is easy to obtain parallel sides.

The watering (by flexible pipe) is pointed at the cutting edge. The operator tips up the piece-holder towards the disc. The sample holder can be used as table, the operator moves manually the sample in direction of the disc. A easily put in place device allows the regular slicing of the sample bonded on the object holder.

The grinding unit, on the right, is equipped with a diamond straight cup-wheel. This type of grinding wheel allow a good grinding with an excellent surface finish.

The sample, bonded on a glass slide sample-holder, is held on a oscillating piece-holder which can receive the object-holder up to 50x75 mm. The watering (by flexible tube) is pointed at the grinding-wheel. A see-saw motion, combined with the micrometer advance, allows an accurate rectification up to the requested thickness. The sample is then ready for the final polishing.

The section-holder can be replace by a sample-holder for plug (in order de prepare polished sections)

Each oscillating device (cutting and grinding) is guided by stainless steel bars. A draining with a flexible pipe is provided.

Each working station has a housing easily movable for the maintenance.



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AERI BROT LAB

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BROT LAB®

CUTTING / CORING

COATING / EMBEDDING

BONDING

GRINDING

LAPPING

POLISHING



1.23.01 CUTTING & GRINDING MACHINE RECTILAME

CUTTING / CORING

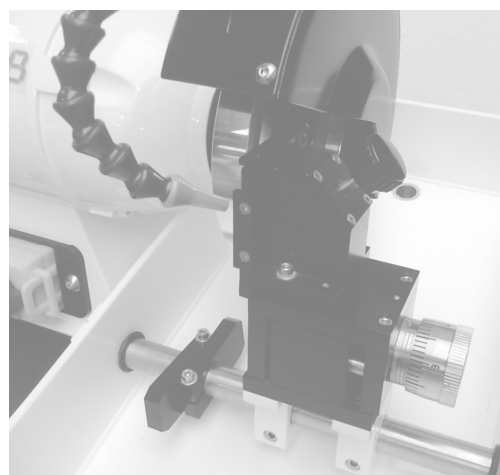
COATING / EMBEDDING

BONDING

GRINDING

LAPPING

POLISHING



CHARACTERISTICS

Electrical

Three-phase 230 - 400 V 50 Hz 0.4 kW
Single phase 230V 50 Hz optional
Other on request
0.5 kW motor, 2900 rpm with sealed bearings

Grinding wheel

The machine uses a diamond wheel Ø150mm,
binder grain glass D46 (D30 grain available)

Watering

Water supply Ø 12 mm
Water Discharge Ø 25 mm
By flexible hoses with shut-off valve

Disc

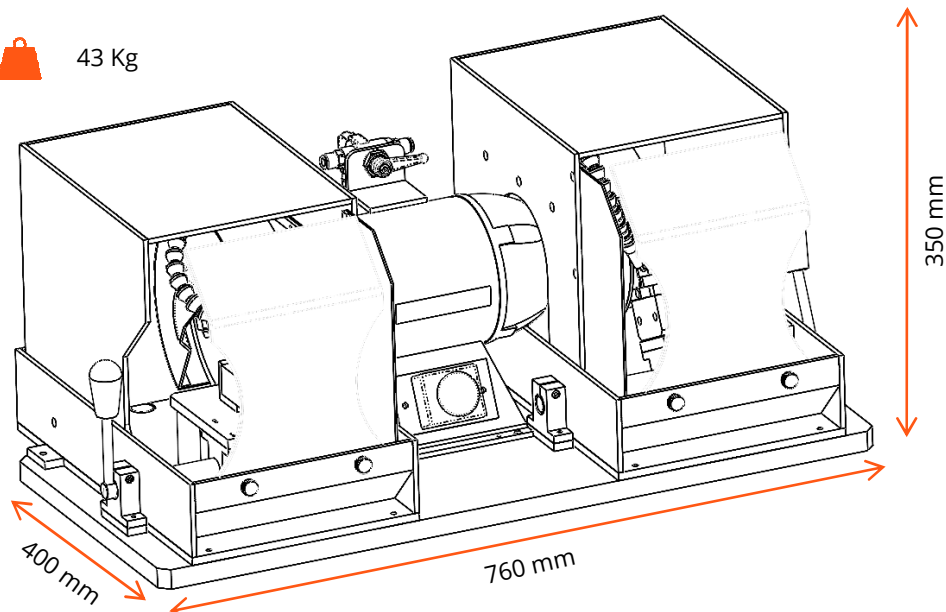
The machine uses a continuous rim disc
Ø200mm (cut-out)

STANDARD EQUIPMENT

1 disc Ø200mm for all coming rocks
1 Ø150mm Grinding Wheel



43 Kg



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