

PRECISION DIAMOND WIRE SAW 4500

Of all Well saws, the 4500 model is, without question, the most universal. Compact and easy to use, it can meet the needs of industrials as well as laboratories.

Very often, it avoids a lengthy and costly polishing job.

The proven and much sought-after Well cutting principle is integrated in the 4500 model, for cutting medium-sized samples (150 mm in height, 150 mm in width).

The length of the sample is virtually unlimited as long as support for the work piece can be provided. To cut small parts, the wire guide rollers can be lowered as close as possible to the sample. In addition, optional micrometric tables are supplied when cutting accurate slices is needed.

Since the patented diamond embedded wire, of approximately 15 metres in length, travels in both a forward and reversing direction, the sample must be firmly secured to the worktable. The tension on the wire on the "T-slotted" table can be adjusted with the tensioning mechanisms supplied with the saw.

An electronic protection device is installed at the heart of the machine for a longer lasting wire. If the cutting pressure on the wire is too high, a warning will be displayed on the screen. With this new technology, even very fine wires can be installed.

An electronic ruler is installed underneath the work table. It is used to display the cutting progress on screen. You can also simply modify the parameters in order to use it as a depth-of-cut stop allowing you to adjust the stop of the machine precisely.

With its sleek design, it is easy to maintain and use. With the semi-automatic wire winding system combined with the latest drum technology, replacing the wire is staggeringly simple.



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