



PICO-155S

WAFERING SAW

MAXIMUM CONTROL AND PRECISION

Maximize Control | Minimize Deformation | Achieve Extreme Accuracy

SPECIFICATION	PICO-155S
Coolant	Built-in Pump
Cutting capacity	2-inch (50 mm)
Cutting speed	300-1500 rpm
Cutting load	Variable up to 1500 grams
Positioning range (x-axis)	1-inch (25 mm)
Wheel size	Minimum: 3-inch (75 mm) Maximum: 7-inch (175 mm)
Dimensions (W x D x H)	Hood closed: 19 x 23 x 14.5-inch (480 x 580 x 368 mm) Hood open: 19 x 29 x 19-inch (480 x 740 x 370 mm)
Weight	66 lbs (30 kg)



The **PICO-155S** is a variable speed precision wafering saw designed to section material with extreme accuracy. Its innovative design ensures you are cutting with micrometer precision for a wide range of materials including metals, ceramics, electronics, and other engineered materials.

The microprocessor-controlled system of the PICO-155S guarantees consistent and accurate cutting performance. Efficient cooling during the cutting process prevents heat-related damage to the specimens, and a digital feedback speed control allows users to adjust the cutting speed precisely according to their requirements.

Controlling the PICO-155S is a breeze with its user-friendly touchscreen control interface. The LED digital display provides clear and real-time feedback on the cutting parameters, ensuring optimal control throughout the operation. The PICO-155S simplifies the cutting process, making it accessible to both experienced professionals and newcomers in the field.

Whether you're working with delicate materials or demanding applications, contact us to experience the next level of precision in metallographic sample preparation.



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2 year warranty
Limited warranty

APPLICATIONS

- Electronics
- IC Circuits
- PCB Boards
- Bones
- Minerals
- Ceramics
- Metals

WAFERING BLADE	3-INCH	4-INCH	5-INCH	6-INCH	7-INCH
Fine grit / Low conc.-	WB-0030LC	WB-0040LC	WB-0050LC	WB-0060LC	WB-0070LC
Medium grit / Low conc.	WB-0035LC	WB-0045LC	WB-0055LC	WB-0065LC	WB-0075LC
Medium grit / High conc.	WB-0035HC	WB-0045HC	WB-0055HC	WB-0065HC	WB-0075HC
CBN	N/A	WCBN-0045	WCBN-0055	WCBN-0065	WCBN-0075
CBN / Diamond hybrid wafering blade	N/A	WCBND-0045	WCBND-0055	WCBND-0065	WCBND-0075
Electroplated diamond	N/A	EPD-0040	EPD-0050	EPD-0060	EPD-0070

CUTTING FLUID / DRESSING

CATALOG

DIACUT Dressing sticks (1/2" x 1/2" x 4 1/2")	DRES-0010
DIACUT Water-based cutting fluid (16 oz)	WL-3000-16
DIACUT Water-based cutting fluid (32 oz)	WL-3000-32
DIACUT Anti-corrosion cutting fluid (16 oz)	WL2-3000-16
DIACUT Anti-corrosion cutting fluid (32 oz)	WL2-3000-32
DIACUT Oil-based cutting fluid (16 oz)	OL-3000-16
DIACUT Oil-based cutting fluid (32 oz)	OL-3000-32



The PICO-155S includes all of the vises and attachments listed below except the table attachment (P150-601).

SPECIMEN VISES + ATTACHMENTS CATALOG

Single Saddle Vise	Large Universal Vise	Double Saddle Vise	Irregular Sample Vise
Catalog no. P150-702	Catalog no. P150-702b	Catalog no. P150-703	Catalog no. P150-706
32 mm Circular Vise	40 mm Circular Vise	Adhering Vise	Teardrop Vise
Catalog no. P150-707	Catalog no. P150-708	Catalog no. P150-709	Catalog no. P150-710
Fastener Vise	Dressing Fixture	Cutting Table	
Catalog no. P150-711	Catalog no. P150-701	Catalog no. P150-601	

Universal single saddle chuck	P150-702
Large single saddle with lip	P150-702b
Double sided saddle chuck	P150-703
Irregular shaped specimen vise	P150-706
Round and 1.25-inch mounted specimens	P150-707
Round and 1.5-inch mounted specimens	P150-708
Vise for adhering specimens	P150-709
Specimen teardrop holder for 0.6-1.6-inch (18-40 mm) diameter	P150-710
Fastener vise for longitudinal sectioning	P150-711
Dressing unit	P150-701
Cutting table attachment for large samples	P150-601



Machinery directive 2006/42/EC
RoHS Directive 2011/65/EU