

AbrasiMet™ XL Pro

Advanced Automatic Cutter



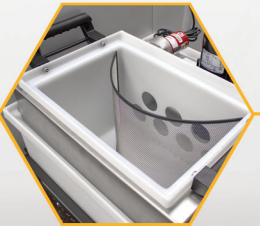
Advanced Programming

Intuitive user interface with the ability to create and save multiple sectioning programs



Single Joystick for Movement

Simplified controls for the movement of the cutting arm and t-slot table to quickly set up the cut

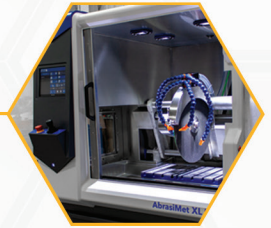


Built in Filtration

Simplifies the task of cleaning the recirculation tank without the need to constantly handle a large volume of coolant and without the use of consumable filters



AbrasiMet XL Pro



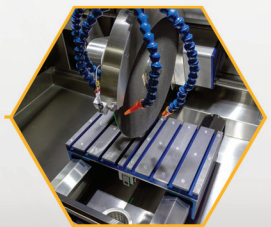
Open Door Blade Adjustment

Provides the ability to safely move the blade and t-slot table when the door is open with the use of the safety button



Change Blades Easily

Self tightening lock nut eliminates the need and hassle for tools when changing blades



3 Axis Movement

Provides flexibility and full range blade positioning allowing for the cutting of a variety of sample shapes and sizes

Ensure Cut Sample Consistency

The **AbrasiMet™ XL Pro** provides consistent and repeatable cut quality for larger diameter samples with programmable methods and automatic cutting. A durable design, intuitive user interface, and optimized space are ideal for cutting large samples in demanding environments.

Ordering Information

Part Number	Description
10-2320-400	AbrasiMet XL Pro
10-2343-400	Mist Extractor
10-3547	Large Speed Clamping Vise (R)
10-3546	Large Speed Clamping Vise (L)
10-3543	Large Sliding Vise Kit (R)
10-3542	Large Sliding Vise Kit (L)
10-3523	Large Vertical Clamping Kit
10-3528	Large Riser Blocks
10-3527	Vee Block Clamp Kit
10-6010	Cool 3 (2.6gal, 10L)



Technical Specifications

	AbrasiMet XL Pro		
Operation	Automatic, Manual		
Motor Power	13.4Hp [10kW]		
Main Power	380-480VAC, 3 Phase, 50/60Hz		
Main Current	25amp @ 460VAC		
Blade Movement Axis	Horizontal, Linear, Vertical (X, Y, Z)		
T-Slot Table Dimensions	19.9in x 11.8in [505mm x 300mm]		
Blade Sizes	14in [356mm]	16in [406mm]	18in [457mm]
Blade Table Clearance	9.71in [247mm]	8.71in [221mm]	7.71in [196mm]
Cut Capacity	5in [127mm]	6in [152mm]	7in [178mm]
Blade Speed	2100rpm	1900rpm	1860rpm

	AbrasiMet XL Pro
Cut Type	Chop, Y-Feed, Planar
Lighting	4 LEDs
Laser	Green Laser (520nm, Class 2)
Max Sample Width	Up to 49in [1245mm]
Machine Dimensions	Width: 54in [1372mm] Depth: 50.7in [1288mm] Height: 75in [1905mm]
Recirculation /Filtration Tank Capacity	45 gal [170L]
Safety Features	Interlock Hood Switch Emergency Stop 2 Hand Operation for Blade Movement (Open Door) Smart Cut™
Compliance	CE Directives



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