

Ensure Versatility and Ease of Use

The **AbrasiMet™ M** provides laboratories with a durable sectioning solution that has a simple user interface. The compact design along with maximized chamber space and a sliding hood provides users with a quick, clean and simple solution to their cutting needs.

Ordering Information

Part Number	Description
10-10107-200	AbrasiMet M (200-240V, 50/60Hz)
10-10107-200C	AbrasiMet M (200-240V, 50/60Hz) CSA
10-10107-400	AbrasiMet M (380-460V, 50/60Hz)
10-2166-200	Advanced Recirculation Tank for AbrasiMet M (200-240V, 50/60Hz)
10-2166-400	Advanced Recirculation Tank for AbrasiMet M (380-460V, 50/60Hz)
10-2166-205	Base Recirculation Tank for AbrasiMet M (200-240V, 50/60Hz)
10-2166-405	Base Recirculation Tank for AbrasiMet M (380-460V, 50/60Hz)
10-6010	Cool 3 (2.6 gal, 10L)
10-3545	Medium Speed Clamping Vise (R)
10-3544	Medium Speed Clamping Vise (L)
10-3541	Medium Sliding Vise Kit (R)
10-3540	Medium Sliding Vise Kit (L)
10-3531	Small Vertical Clamping Kit
10-3532	Small Riser Blocks
10-3527	Vee Block Clamp Kit



Technical Specifications

	AbrasiMet M	
Operation	Manual	
Motor Power at 220VAC	5.5hp [4kW]	
Main Power	200-240VAC or 380-460VAC, 3 Phase, 50/60Hz	
Blade Movement Axis	Z-Axis	
Max Sample Width	25in [635mm]	
Blade Sizes	10in [254mm]	12in [304.8mm]
Blade Table Clearance	6.8in [172mm]	5.8in [147mm]
Cut Capacity	3in [76.2mm]	4in [102mm]
Blade Speed	3000rpm	2600rpm

	AbrasiMet M
Lighting	2 LED strips
Dual Blade Cutting Width	0.06in-1in [1.52mm-25.4mm] @ 0.06in increments
Machine Dimensions	Width: 31.3in [795mm] Depth: 27.3in [693mm] Height: 25.7in [653mm] hood closed Height: 36.2in [919mm] hood open
T-Slot Table Dimensions	9.8in x 7.1in [250mm x 180mm] (L) 9.8in x 4.5in [250mm x 115mm] (R)
Safety Features	Interlock Hood Switch Emergency Stop
Compliance	CE Directives



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AbrasiMet™ M

Manual Abrasive Cutter



Easy Chamber Access

With the sliding hood design, accessing the cutting chamber has never been easier



Change Blades Easily

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



Dual Blade Cutting

Included accessory kit allows for making two cuts simultaneously to reduce sectioning process time by half



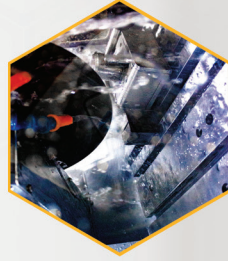
Optimized Settings

Easily set optimized RPM for 10in [254mm] or 12in [305mm] abrasive blades to maximize blade performance



More Chamber Space

Maximized cutting space for versatile vising and easy positioning of samples



Cleanability

External valve handle allows for ease of choice between direct blade cooling and handheld washdown hose

Effortless. Durable. Dynamic.