

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 (200V, 50/60Hz)
10-10107-200C	AbrasiMet M (200V, 50/60Hz) CSA
10-10107-400	AbrasiMet M (400V, 50/60Hz)
10-2166-200	Advanced Recirculation Tank for AbrasiMet M (200V, 50/60Hz)
10-2166-400	Advanced Recirculation Tank for AbrasiMet M (400V, 50/60Hz)
10-2166-205	Standard Recirculation Tank for AbrasiMet M (200V, 50/60Hz)
10-2166-405	Standard 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	400VAC or 200VAC, 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	3.3in [84mm]	4.3in [109mm]
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



BUEHLER Worldwide Headquarters
North America-South America Offices
41 Waukegan Road
Lake Bluff, Illinois 60044-1699 USA
P: 800 BUEHLER (800-283-4537)
P: (847) 295-6500
www.buehler.com | info@buehler.com

European Headquarters
BUEHLER Germany
info.eu@buehler.com
BUEHLER France
info.eu@buehler.com
BUEHLER United Kingdom
info.eu@buehler.com

Asian Headquarters
BUEHLER China
info.cn@buehler.com
BUEHLER Japan
info.japan@buehler.com
BUEHLER Asia-Pacific
info.asia@buehler.com

AbrasiMet™ M

Manual Abrasive Cutter



Optimized Settings

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



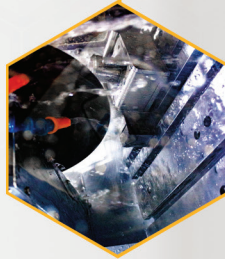
More Chamber Space

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



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

Effortless. Durable. Dynamic.