

# 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)
10-2167-200	Advanced Recirculation Tank for AbrasiMet M (200-240V, 50/60Hz)
10-2167-400	Advanced Recirculation Tank for AbrasiMet M (380-460V, 50/60Hz)
10-6010	Cool 3 (2.6 gal, 10L)
95C1822S	MetKlamp VIII-S (R)
95C1821S	MetKlamp VIII-S (L)
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



**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.*