



AUTOMET[®] 250 POLISHER



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AutoMet[®] 250 Polisher

The AutoMet 250 semi-automatic polisher is compatible with backing pads up to 203-254mm and is ideal for high volume environments. This robust machine produces highly reliable results and features an easy-to-use membrane control panel for repeatable results. Combine with our CarbiMet abrasive papers and MetaDi diamond suspensions to achieve an unrivalled surface finish.

Référence	Description
49-7257	AutoMet 250
49-7258	AutoMet 250 Pro
49-7268	AutoMet 300 Pro

-Benefits of the AutoMet 250:

1-Easy to use

2-Process flexibility and repeatability

3-Ideal for high volumes and large samples



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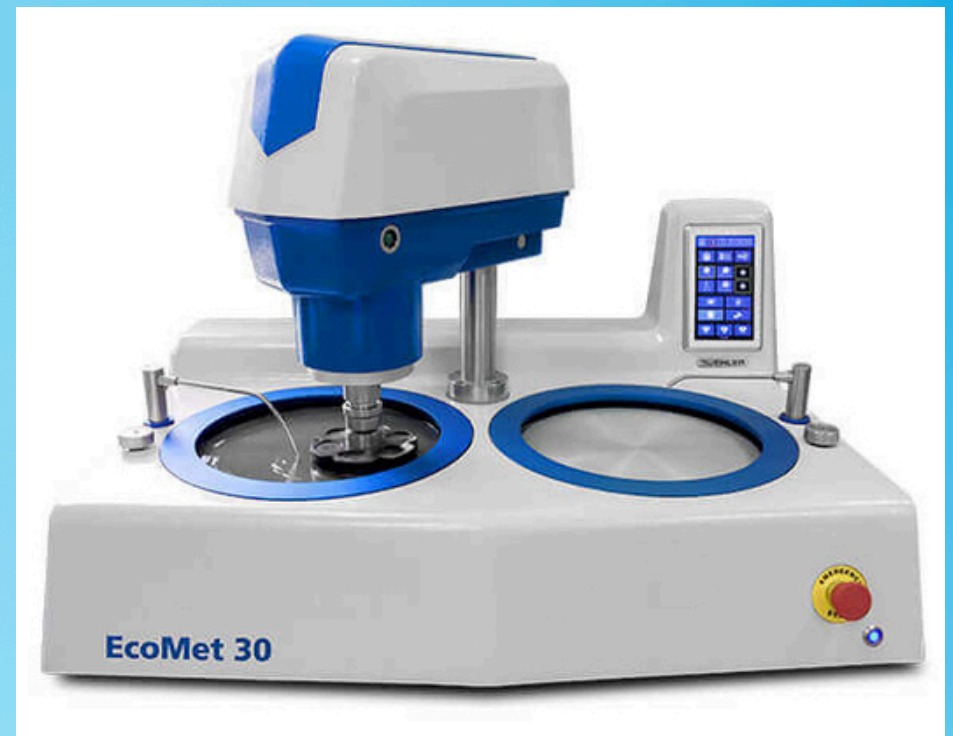
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Machine power	100-240 V AC, 50/60 Hz, single phase
Engine power	750W
Plate diameter	203 mm [8"], 254 mm [10"]
Platter speed	10-500 rpm in 10 rpm steps
Direction of rotation	Clockwise and counterclockwise
Water inlet hose	6 mm DE
Water inlet pressure	25-60 bars
Power of the base	1.1 kW, 9.6/4.8 A at 115/230 VAC
Power of the base and head	1.73 kW, 15/7.5 A at 115/230 VAC
LED control panel for model 250	Three 3-digit LED displays, 14 status lights; units: metric or imperial
Touchscreen control panel for the 250 Pro model	Color LCD display; 7" [175 mm] diagonal; NEMA4 (IP65) water resistant
Sound emissions from the base at 0.5 m distance without load	59.5 dB at 100 rpm
Sound emissions from the base and head	61.5 dB at 100/30 rpm
Weight	77kg
Compliance with standards	CE; applicable CE directives
Specifications	Polishing head
Machine power	116W
Speed	30-60 rpm in 10 rpm steps
Central pressure applied to the samples	20-260 N
Individual pressure applied to samples	5-45 N
Sample dimensions (central pressure)	1", 1.25", 1.5", 25mm, 30mm, 40mm and large or irregular samples
Sample dimensions (individual pressure)	1", 1.25", 1.5", 25mm, 30mm, 40mm
Air inlet hose	6 mm DE
Air inlet pressure	2.4 bars
Power	630 W, 5.5/2.7 A at 115/230 V AC
Weight	32 kg
Compliance with standards	CE; applicable CE directives

EcoMet 30 Semi-Automatic

The EcoMet 30 semi-automatic polisher is compatible with 203-305mm backing pads and is ideal for medium volume processes. This robust unit is simple to use and produces polish with repeatable surface quality, making it ideal for laboratories where machines are assigned to specific stages of the preparation process. Samples can be quickly moved between machines to progress from rough to final polishing without having to change work surfaces. Available in single or dual backing pad configurations, it allows users to have two stages ready for processing without having to change backing pads. Combine with our CarbiMet abrasive papers and MetaDi diamond suspensions to achieve an unrivalled surface finish






Part Number	Description
49-10075	EcoMet 30 Auto
49-10076	EcoMet 30 Auto Twin
49-1008	8in [203mm] Platen Kit*
49-1010	10in [254mm] Platen Kit*
49-1012	12in [305mm] Platen Kit*
49-1005	Bowl Liners (Qty 5)

	EcoMet 30 Semi-Auto	EcoMet 30 Semi-Auto Twin
Water Supply Pressure	40-116 psi (2.7-8 bar)	
Head Wheel Speed	30-200rpm in 10rpm increments	
Central Specimen Force	5-40lbs[25-200N]	
Single Specimen Force	1-10lbs[5-40N]	
Central Force Specimen Capacity	1in,1.25in,1.5in,25mm,30mm,40mm	
Single Force Specimen Capacity	1in,1.25in,1.5in,25mm,30mm,40mm	
Air Supply Hose	0.25in [6mm] OD tube	
Air Supply Pressure	≥0.4Mpa	
Weight	165 lbs (75kg)	231.5 lbs (105kg)
Compliance	CE Directives	

	EcoMet 30 Semi-Auto	EcoMet 30 Semi-Auto Twin
Machine Power	100-240VAC,50/60Hz,1 phase	
Motor Power	440W	
Platen Diameter	8in [203mm], 10in [254mm], 12in [305mm]	
Platen Wheel Speed	50-500rpm in 50rpm increments	
Wheel Direction	Platen:Counter-Clockwise, Head:Clockwise/Counter-Clockwise	
Base & Head Power Usage	1kW,8.8/4.3A @115/230VAC	
Touchscreen Control Panel	Full color LCD Screen,7in [75mm]diagonal	
Program Storage	5 Saved Steps with password protection	
Base & Head Sound Rating	65dB @500rpm/200rpm	
Head Motor Power	300W	

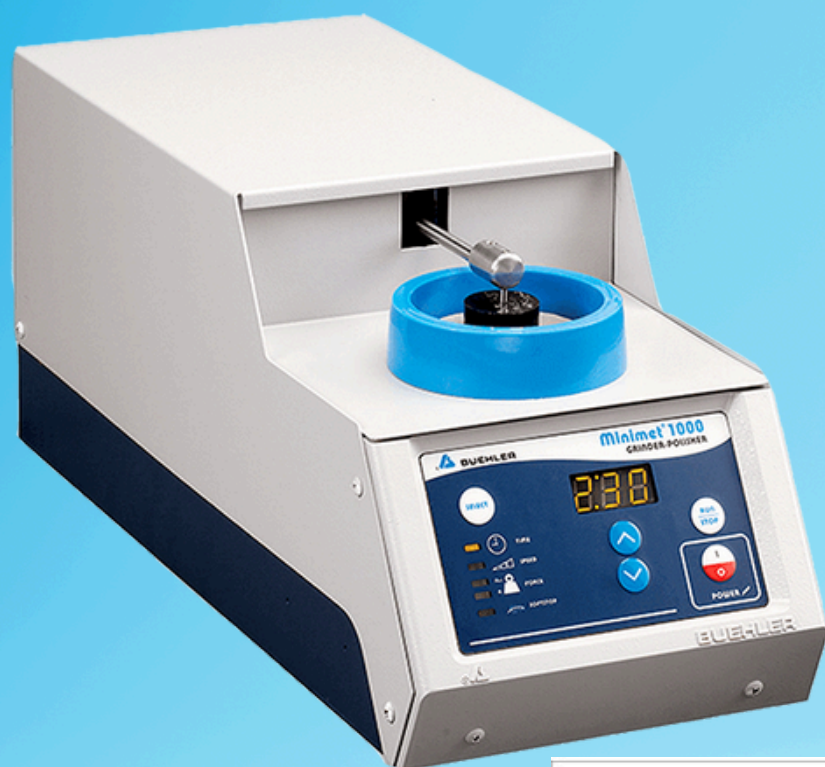


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MiniMet 1000

Meuleuse-polisseuse compacte

La meuleuse-polisseuse MiniMet 1000 est une machine compacte semi-automatique pour un seul échantillon, idéale pour les utilisateurs disposant d'un espace limité ou pour une utilisation en cellule chaude. Cette machine très robuste est équipée d'un bras automatique qui permet aux utilisateurs de se concentrer sur d'autres tâches pendant le cycle. Combinez-la avec nos papiers abrasifs CarbiMet et nos suspensions diamantées MetaDi pour obtenir une finition de surface inégalée.



MiniMet 1000	
Dimensions (l x L x H)	178 x 406 x 203 mm [7 x 16 x 8 pouces]
Caractéristiques électriques	85 à 264 VCA, 50 – 60 Hz, monophasé
Poids lors de l'expédition	11 kg [25 livres]
Niveau sonore	À 1 m en hauteur et 1 m de distance par rapport à l'avant de la machine, sans charge

CarbiMet

Granulométrie - ANSI [FEPA]

Granulométrie - ANSI [FEPA]	Micron	Référence
120 [P120]	127	36-02-0120
180 [P180]	78	36-02-0180
240 [P280]	52	36-02-0240
320 [P400]	35	36-02-0320
400 [P800]	22	36-02-0400
600 [P1200]	15	36-02-0600
800 [P1500]	13	36-02-0800
1200 [P2500]	8	36-02-1200

MicroCut

Draps

Draps	Grain	Référence
UltraPol™	Gros	40-7442
Nylon	Intermédiaire	40-7052
TexMet® C	Intermédiaire	40-1102
TriDent™	Intermédiaire	40-7502
MicroCloth®	Fin	40-7212
MasterTex®	Fin	40-7702
ChemoMet®	Fin	40-7902

Draps de polissage



MetaDi

Diamond polishing
suspension



Final polishing solutions



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