

High Performance for High Volume Environments

AutoMet™

The AutoMet grinder-polishers are high performance machines, designed for reliability, flexibility, and ease of use.

Ensure reproducible results with the intelligent programming and functionality of the Pro models. Ideal for customers in demanding environments needing to process a high volume of samples.

Ordering Information

Part Number	Description
49-7257	AutoMet 250
49-7258	AutoMet 250 Pro
49-7268	AutoMet 300 Pro



Technical Specifications

	AutoMet 250	AutoMet 250 Pro	AutoMet 300 Pro
Machine Power	100-240VAC, 50/60Hz 1 phase		170 - 240VAC, 50/60Hz, 1 phase
Motor Power	1 hp (750W)		2 hp (1500W)
Platen Diameter	8in [203mm], 10in [254mm]		10in [254mm], 12in [305mm]
Platen Wheel Speed	10-500rpm in 10rpm increments		50-400rpm in 10rpm increments
Wheel Direction	Platen:Counter-Clockwise, Head:Clockwise/Counter-Clockwise		
Base & Head Power Usage	1730 W (1.1Kw @ 115V)		3600 W (3.6kW) @ 220V
Touchscreen Control Panel	Membrane	Full color LCD Screen,7in [75mm] diagonal	
Base & Head Sound Rating	70dB @500rpm/60rpm		74.5dB @400rpm/ 150rpm
Head Motor Power	0.125hp (116W)		0.75hp (560W)

	AutoMet 250	AutoMet 250 Pro	AutoMet 300 Pro
Water Supply Pressure	40-100psi (2.5-6.5 bar)		
Head Wheel Speed	30 - 60 rpm in 10 rpm increments		60 - 150 rpm in 10 rpm increments
Central Specimen Force	5-60 lbs (20-260N)		10-120 lbs (40-535N)
Single Specimen Force	1-10lbs (5-45N)		1-20lbs (5-90N)
Central Force Specimen Capacity	1in,1.25in,1.5in,25mm, 30mm,40mm		1in,1.25in,1.5in, 25mm,30mm, 40mm,50mm
Single Force Specimen Capacity	1in,1.25in,1.5in,25mm, 30mm,40mm		1in,1.25in,1.5in, 25mm,30mm, 40mm,50mm
Air Supply Hose	0.23in [6mm] OD tube		
Air Supply Pressure	35 psi (+/- 1 psi) or 2.4 bar (+/- .07 bar)		
Weight	170lbs [77kg]		219lbs [99kg]
Compliance	CE Directives		



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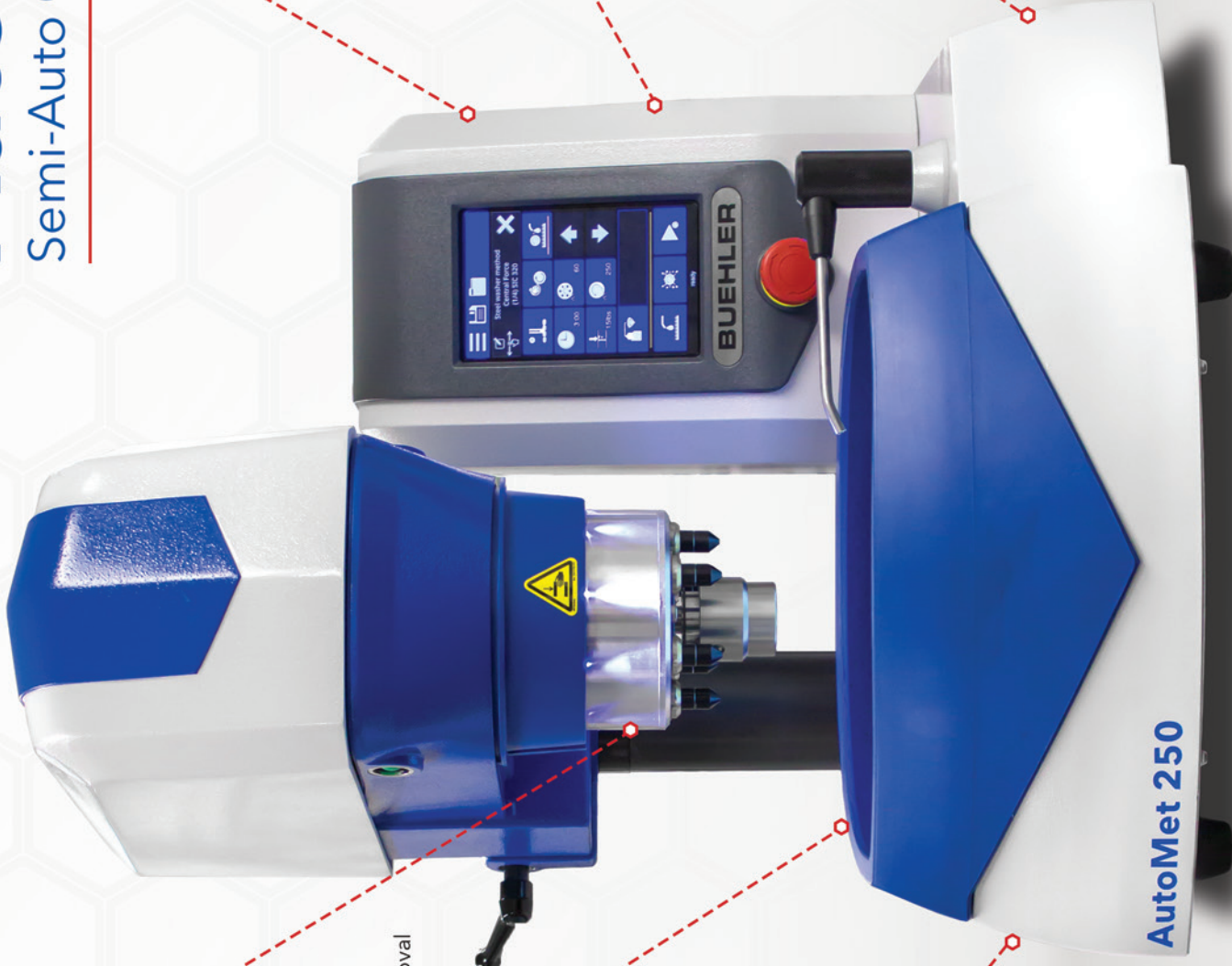
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AutoMet™

Semi-Auto Grinder-Polishers



Z-Axis Material Removal
Controlled material depth removal for high accuracy



Quick Clean Features
Adjustable water spout and Rinse and Spin feature save time and effort during daily cleaning



Durable Metal Casting
Adds robustness and stability



Intuitive Touchscreen Interface
Simple to learn and quick to operate



Advanced Programming
Store methods for highly reproducible results



Automatic Burst Dispensing
Optimize repeatability while preserving abrasive

Designed for Demanding Production Lab Environments



Strong Partner, Reliable Solutions