

# AUTOMATIC GRINDER AND POLISHER (ADVANCED TYPE) CODE MLP-GP505

TOUCHSCREEN OPERATION

AUTOMATIC DISPENSING  
OF ABRASIVES

CUSTOMISED GRINDING AND POLISHING PROGRAMS



- ABS shell and stainless steel parts, anti-corrosion, easy to clean
- Can hold up to 6 samples (4 holes are optional)
- Smooth rotation, low noise
- Adjustable speed
- Intuitive pressure and time setting, 256 sets of grinding and polishing programs can be stored
- Water cooling device and abrasive cleaning nozzle prevent samples from overheating and destroying structure
- Replaceable platen, platen rotation direction can be selected
- Centre loading and single point loading, automatic abrasive distribution

## SPECIFICATION

Wheel diameter	Ø250mm (customisable)	
Wheel rotation speed	0~1000r/min (adjustment step 20rpm), 150r/min, 300r/min, 600r/min, 1000r/min (four fixed speeds)	
Wheel rotation direction	clockwise or counterclockwise	
Grinding head speed	50~150r/min (stepless adjustable)	
Pressure range	5~60N (single point loading), 20~200N (centre loading)	
Operation	number	6
	time	0~12h
Sample diameter	Ø30mm (customisable)	
Air pressure	>0.35MPa	
Programmable quantity	256 sets of grinding programs can be stored	
Power supply	AC 220V, 50HZ, 2.1kW	
Dimension (W×H×D)	596×714×707mm	
Weight	102kg	

## STANDARD DELIVERY

Main unit	1 pc
Silicon carbide paper	20 pcs each, (240, 400, 800, 1200), 80 pcs in total
Polishing cloth	3 pcs each (velvet silk, woolen fabric), 6pcs in total
Polishing agent	1 pc (W2.5,500ml)
Spray polish agent	1 pc (W2.5,500ml)
Anti-stick disc	1 pcs (Ø250mm)
Magnetic pad	5 pcs (Ø250mm)

## OPTIONAL DELIVERY

Silicon carbide paper	<b>MLP-SZ</b> □□*	diameter: Ø250mm 120, 180, 240, 400, 600, 800, 1000, 1200, 1500, 2000, 2500, 3000
Polishing cloth	<b>MLP-CT</b> □□*	Ø250mm
Diamond polishing liquid	<b>MLP-DLA</b> □□*	500ml, select granularity (µm): W40, W28, W20, W14, W9, W7, W5, W3.5, W2.5, W1.5, W1.0, W0.5, W0.25
Diamond spray polish agent	<b>MLP-DSA</b> □□*	350ml, select granularity (µm): W40, W28, W20, W14, W9, W7, W5, W3.5, W2.5, W1.5, W1.0, W0.5, W0.25
Magnetic pad	<b>MLP-AD2</b>	Ø250mm
Anti-stick disc	<b>MLP-DC2</b>	Ø250mm

\*\*□□ is granularity specification, for example, code **MLP-DLA40** stands for 40um



silicon carbide paper(included)



polishing cloth(included)



magnetic pad(included)



anti-stick disc(included)



dripping system(optional)