

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

TOUCHSCREEN
OPERATION

AUTOMATIC DISPENSING
OF ABRASIVES

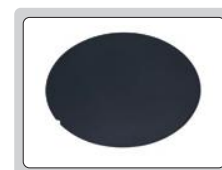
CUSTOMIZED GRINDING
AND POLISHING PROGRAMS



- 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



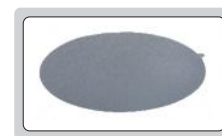
polishing cloth
(included)



anti-stick disc
(included)



magnetic pad
(included)



silicon carbide
paper (included)



automatic liquid dropper
(optional)

SPECIFICATION

Wheel diameter	Ø250mm (customizable)	
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)	
Operating	number	6
	time	0~12h
Sample diameter	Ø30mm (customizable)	
Air pressure	>0.35MPa	
Programmable quantity	256 sets of grinding programs can be stored	
Power supply	AC 220V, 50Hz, 2.1kW	
Dimension (L×W×H)	596×714×707mm	
Net weight	102kg	

STANDARD DELIVERY

Main unit	1 pc
Polishing cloth	velvet, 3pcs, MLP-CT7
	wool fabric, 3pcs, MLP-CT27
Silicon carbide paper	Ø250mm, 20 pcs each, (240#, 400#, 800#, 1200#)
Diamond polishing liquid	1 pc, MLP-DLA2.5
Anti-stick disc	5 pcs, MLP-DC2
Magnetic pad	1 pcs, MLP-AD2

OPTIONAL DELIVERY

Silicon carbide paper	MLP-SZG □□* series, select Ø250mm sandpaper (PSA)
Polishing cloth	MLP-CT □□* series, select Ø250mm polishing cloth (PSA)
Diamond polishing liquid	MLP-DL □□* series
Magnetic pad	MLP-AD2
Anti-stick disc	MLP-DC2
Automatic liquid dropper	MLP-PLD101, MLP-PLD101S

* □□ is detailed specs; e.g., code **MLP-DLA2.5** stands for single-crystal diamond suspension polishing fluid with a particle size of 2.5µm