

# **AUTOMATIC GRINDER AND POLISHER (ADVANCED TYPE) PART NO.MLP-GP505-U**

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		9.84" DIA (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		1.18" DIA (customisable)
Air pressure		>.35MPa
Programmable quantity		256 sets of grinding programs can be stored
Power supply		AC 110V, 60HZ, 2.1kW
Dimension (W×H×D)		23.46×28.11×27.83"
Weight		224.87lb

**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 (10" DIA)
Magentic pad	5 pcs (10" DIA)

**OPTIONAL DELIVERY**

Silicon carbide paper	MLP-SZ□□*	diameter: 10"DIA 120, 180, 240, 400, 600, 800, 1000, 1200, 1500, 2000, 2500, 3000
Polishing cloth	MLP-CT□□*	10"DIA
Diamond polishing liquid	MLP-DLA□□*	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	MLP-DSA□□*	350ml, select granularity (μm): W40, W28, W20, W14, W9, W7, W5, W3.5, W2.5, W1.5, W1.0, W0.5, W0.25
Magentic pad	MLP-AD2	10"DIA
Anti-stick disc	MLP-DC2	10"DIA

\*\* □□ 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)