



# MGrin-2-300

## Spectrum Abrasive Grinding Machine





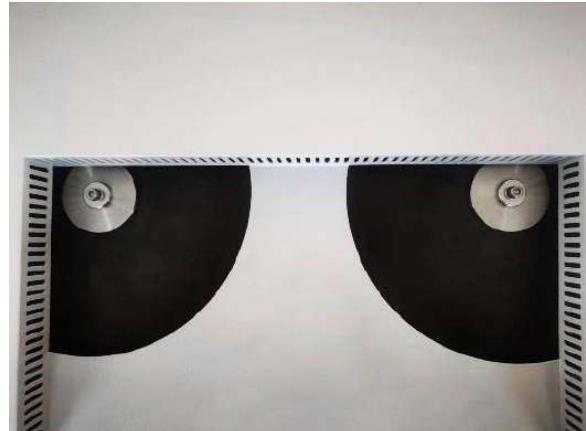
# Product Feature & Application

## Product Feature

- Spray coating technology for the whole machine body.
- Special cover design with a lock catch can effectively guarantee the safety of grinding process.
- Two grinding wheels are independently operated.
- Powered by driver and DC brushless motor combined.
- Stepless grinding speed control.
- With gas spring support, 1/4 grinding surface to protect user operating.
- Equipped with a dust suction device installed in the cabinet, which can suck away grinding objects and avoid environmental pollution.
- With emergency stop button, electricity separation design.
- Membrane Panel controls operation.
- Stable start-up, high transmission power and low noise can meet the preparation requirements of different materials and improve the grinding quality and efficiency.



## Machine Mainframe



## 1/4 Grinding Surface

## Product Application

In the metallographic sample preparation and spectral analysis application, the grinding is an essential and important procedure. GPM-2 is the ideal equipment for the metallographic sample preparation and spectral analysis application.



# User Friendly

Spray coating technology for the whole machine body. Special cover design can effectively guarantee the safety of grinding process. Two grinding wheels are independently operated. With gas spring support, 1/4 grinding surface to protect user operating.



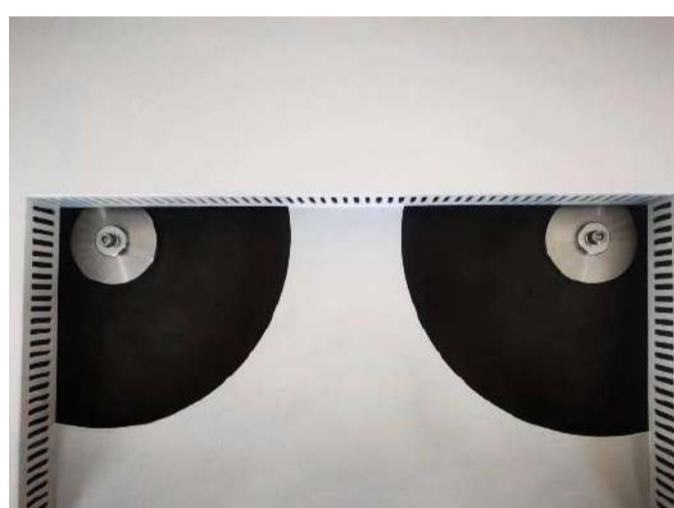
Spray Coating Body



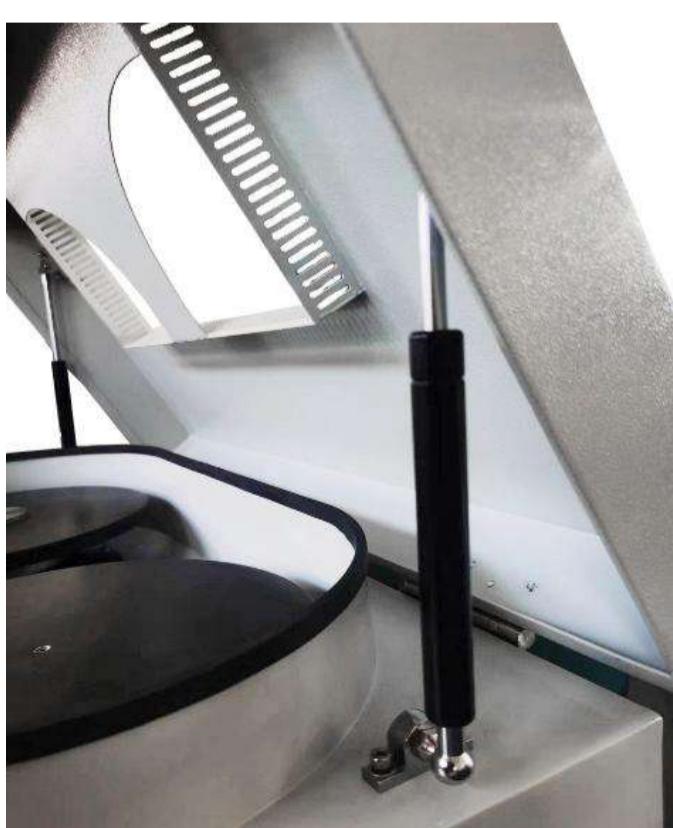
Safety Cover



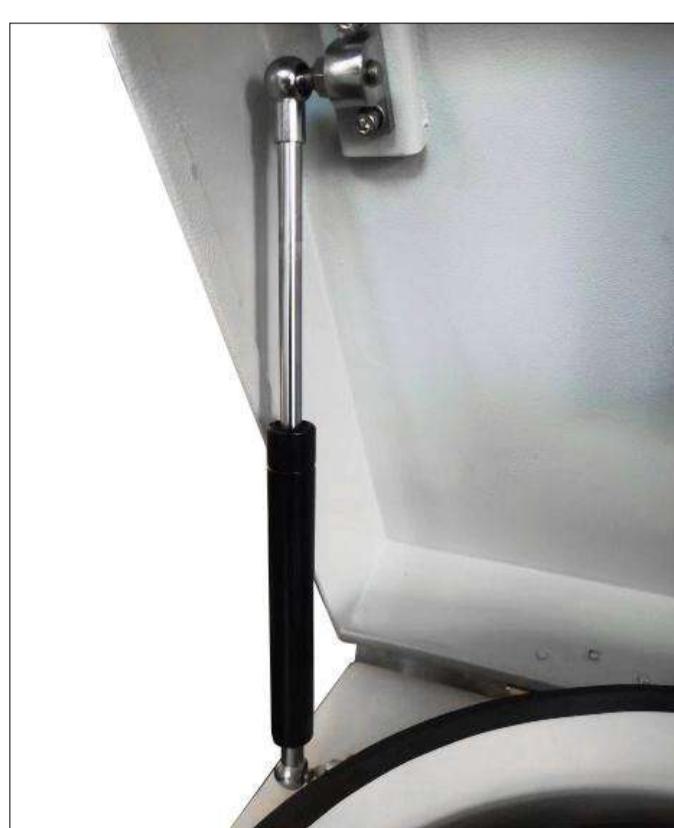
Two Grinding Wheels



1/4 grinding surface



Gas Spring Support



Gas Spring Support



# User Friendly

Equipped with a dust suction device installed in the cabinet, which can suck away grinding objects and avoid environmental pollution. With lock catch for cover. With emergency stop button, electricity separation design.



Dust Suction Device



Lock Catch for Cover



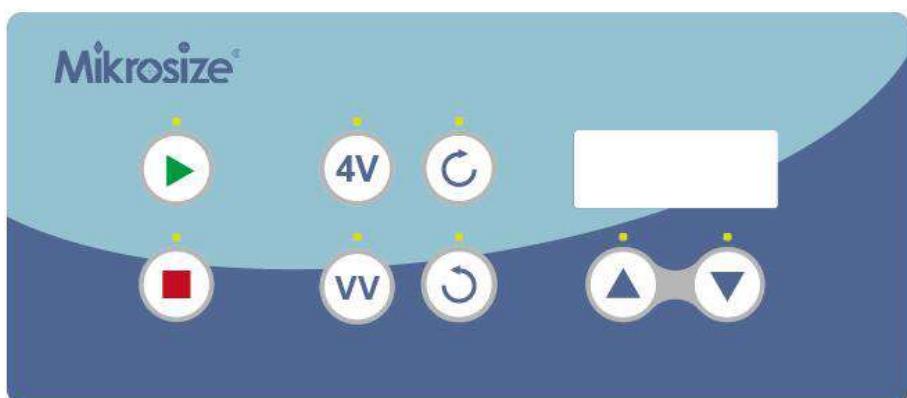
Emergency Stop Button



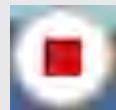
Electricity Separation



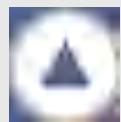
# Membrane Panel



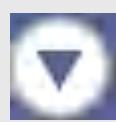
Start button



Stop button



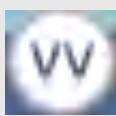
Speed increase button



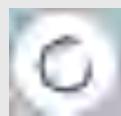
Speed decrease button



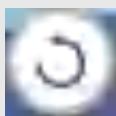
4 speed adjustment mode button



Stepless speed mode button



Forward direction button



Reverse direction button



# Technical Specification

Product Name	Spectrum Abrasive Grinding Machine
Model	MGrin-2-300
Grinding Wheel Diameter	300mm
Abrasive Paper Diameter	300mm
Grinding Speed	Stepless Speeds 100~1400r/min, or Four Speeds 300, 600, 900, 1400r/min
Rotational Direction	Clockwise or Counterclockwise
Motor Power	550W
Control and Display	Membrane Panel Operation , LED display, With Dust Suction Device
Power Supply	220V, 50Hz, 10A
Machine Dimensions	820×440×940mm
Net Weight	122kg



# Packing List

Name	Specification	Qty
Machine Mainframe	/	1 set
Grinding Wheel	300mm	2 pcs
Grinding Abrasive Paper	300mm	2 pcs
Inner Hexagon Spanner	5mm	1 pc
Usage Instruction Manual	/	1 copy



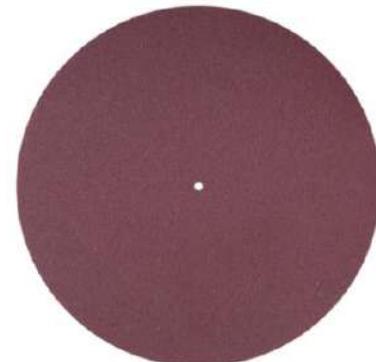
Two Pieces Grinding Wheels



Grinding Wheel with Abrasive Paper



Grinding Wheel



Grinding Abrasive Paper