

MIDLAND METROLOGY LIMITED

MPoli-230M

Metallographic Manual Grinder Polisher
(Grinding Polishing Disc
Diameter:230mm)



Product Feature

Product Feature

- Computer controlled grinding and polishing machine.
- Anti corrosive and durable.
- Large support chassis design to ensure balance.
- Four speeds and changeable rotational direction.
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- Brushless motor for long service life.
- Spindle leak proof design ensuring no damage to bearings.
- Suitable for wet grinding.
- Wash function to prevent accumulation of grinding materials.



MPoli-1-230M Single Disc



MPoli-2-230M Dual Discs

User Friendly



Single-chip Microcomputer Controlled



Grinding Disc Cover



Grinding Disc Cover



Grinding Disc

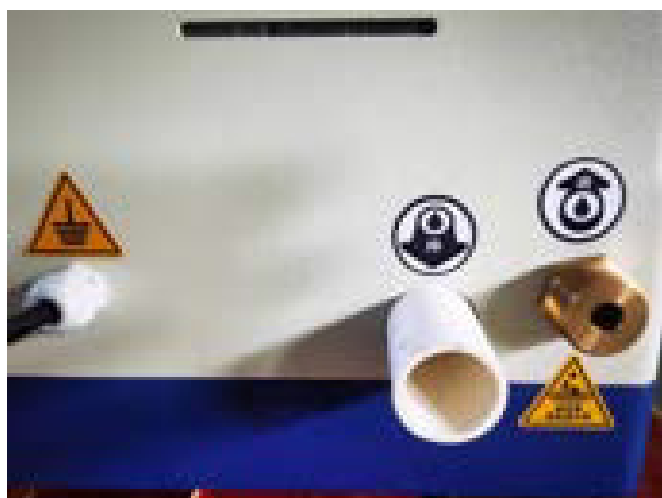
User Friendly



Water Inlet/Outlet



Water Inlet/Outlet



Water and Electricity System



Water and Electricity System



Power On/Off



Washing Function

Ordering Information



MPoli-1-230M Manual Grinder
Polisher



MPoli-2-230M Manual Grinder
Polisher

Web: www.midland-metrology.co.uk

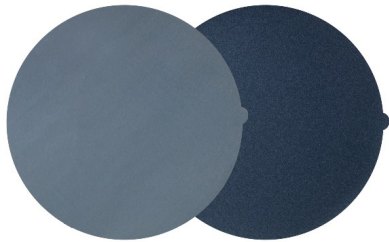
Email: sales@midland-metrology.co.uk

Technical Specification

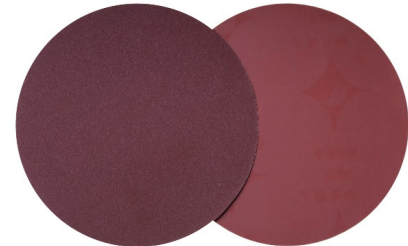
	MPoli-1-230M	MPoli-2-230M
Model		
Disc Diameter	230mm	230mm
Abrasive Paper Diameter	230mm	230mm
Speed	Stepless Speed 50~1400r/min, or Four Speeds 300, 600, 900, 1400r/min	
Rotational Direction	Clockwise or Counter-clockwise	
Electromotor	DC Brushless Motor, 220V, 600W	
Control and Display	Keyboard Operation , LED Display, With washing function	
Power Supply	220V, 50Hz, 6A	220V, 50Hz, 8A
Machine Dimensions	420×660×330mm	757×660×330mm
Net Weight	30kg	57kg

Variable Grinding Abrasive Paper

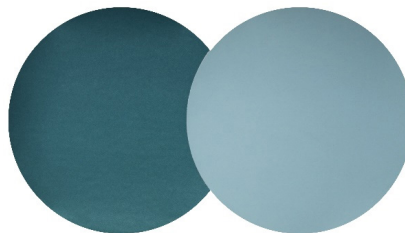
Name	Specification
Silicon Carbide Abrasive Paper 230mm	(60#,80#,120#,150#,180#,220#,240#,280#,320#,360#,400#,500#,600#,800#,1000# 1200#,1500#,2000#)
Silicon Carbide Adhesive Abrasive Paper 230mm/250mm/300mm	(60#,80#,120#,150#,180#,220#,240#,280#,320#,360#,400#,500#,600#,800#,1000#,1200#,1500#,2000#)
Aluminium Oxide Abrasive Paper 230mm	(180#,240#,280#,320#,400#,600#,800#,1000#,1200#)
Aluminium Oxide Adhesive Abrasive Paper 230mm/250mm/300mm	(180#,240#,280#,320#,400#,600#,800#,1000#,1200#)
Dry Grinding Metallographic Abrasive Paper 230mm	(W5,W7,W10,W14,W20,W28,W40,W50)



Silicon Carbide Abrasive Paper



Aluminium Oxide Abrasive Paper



Dry Grinding Abrasive Paper

Variable Polishing Cloth

Name	Application	Specification
Adhesive Polishing Cloth Canvas	W5-W14	230/250/300mm
Adhesive Polishing Cloth Woolen	W3-W5	230/250/300mm
Adhesive Polishing Cloth Red Velvet	W5-W10	230/250/300mm
Adhesive Polishing Cloth Black Velvet	W1-W3	230/250/300mm
Adhesive Polishing Cloth Grey Velvet	W1-W3	230/250/300mm
Adhesive Polishing Cloth Polyurethane	W0.5-W3	230/250/300mm
Adhesive Polishing Cloth Silk	W0.5-W3	230/250/300mm



Polishing Cloth Canvas



Polishing Cloth Woolen



Black Velvet



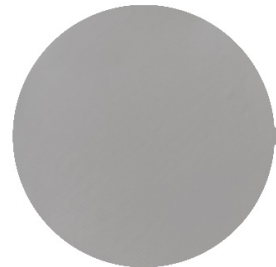
Black Velvet



Grey Velvet



Polyurethane



Silk

Variable Polishing Agent

Name	Application	Application
Aluminium Oxide Powder	Suitable for the polishing of non-ferrous metal samples.	(W1、W3、W5)
Chromium Oxide Powder	Suitable for the polishing of ferrous metal samples.	(W1、W3、W5)
Synthetic Diamond Grinding Paste	Suitable for the polishing of ferrous and non-ferrous metals, ceramics, composite materials, gemstones, instruments, optical glass and other materials.	(W0.5,W1,W2.5,W3.5,W5)
Diamond Spray	Suitable for the polishing of all kinds of material and instruments parts.	(0.5µm, 1µm, 2.5µm, 3.5µm, 5µm, 7µm, 10µm)
Diamond Suspension (monomorph)	Suitable for iron and steel, non-ferrous alloy metal materials, glass, ceramics, gemstones, etc.	(0.5µm, 1µm, 3µm, 6µm, 9µm, 15µm)
Diamond Suspension (polycrystal)	Suitable for iron and steel, non-ferrous alloy metal materials, glass, ceramics, gemstones, etc.	(1µm, 3µm, 6µm, 9µm, 15µm)
Aluminium Oxide Fine Polishing Suspension	Suitable for final polishing of minerals, iron-based metals, low melting point metals, carbides, printed circuit boards, precious metals, electronic components and other materials.	(0.02µm, 0.05µm)
Silica Fine Polishing Suspension	Suitable for the final polishing of minerals, metals, ceramics, composite materials, gemstones, instruments, optical glass and other materials.	(0.02µm, 0.05µm)



Aluminium Oxide Powder Chromium Oxide Powder Synthetic Diamond Grinding Paste



Polycrystal Diamond Suspension

Diamond Spray

Monomorph Diamond Suspension

Packing List

Name	Specification	Qty
Machine Mainframe	/	1 set
Grinding and Polishing Disc	230mm	2 pcs
Grinding Disc Cover	/	2 pcs
Abrasive Paper	230mm	6 pcs
Adhesive Polishing Cloth	230mm	1 pc
Water Inlet Pipe	/	1 pc
Water Outlet Pipe	~32mm	1 pc
Water Inlet Filter	/	1 pc
Usage Instruction Manual	/	1 copy