

**Description :**

The specimen after mounting must be carefully ground and polished before can be examined under the microscope. The disc polishing gives the specimen scratch free mirror like finish without any deformation. **Vaiseshika** offers Polishing/Grinding Machines with single disc or double disc units. Both single or double wheel versions are available with variable rotating speeds. This allows the setting of the optimum speed for each individual preparation process.


**7001PMS**

**7001PMD**

**7001PMD DIGITAL**

Model	7001 PMS	7001 PMD	7001 PMD-Digital
Specification			
No. of Discs	1	2	2
Dia of the Disc	200 mm	200 mm	200 mm
Rotation Speed	Upto 1500 RPM	Upto 1500 RPM	100-100 RPM (Continuous Variable Speed Control)
Coolant Facility	Available	Available	Available
Motor Capacity	0.5 HP	0.5 HP X 2	0.5 HP (High Torque DC) x 2
Input Voltage	220 Volts AC/50 Hz.	220 Volts AC/50 Hz.	220 Volts AC/50 Hz.
Phase	Single	Single	Single
Dimensions (in Inches)	27.5 X 15 X 25	52 X 15X 25	29 X 21X 20
Weight	30 Kg	50 Kg	40 Kg
OPTIONAL ACCESSORIES			
Extra Discs	Available on request	Available on request	Available on request
Diamond Compound	1 or 3 Micron	1 or 3 Micron	1 or 3 Micron
Polishing Cloth	200 mm	200 mm	200 mm
Industrial Emery	200, 400, 600, 800, 1000,	200, 400, 600, 800	200, 400, 600, 800
Papers	1200 & 2000 Nos.	1000, 1200 & 2000 Nos.	1000, 1200 & 2000 Nos.
Aerosol Spray	Available	Available	Available

**Description :**

This Series of models are designed and manufactured on the basis of International advanced metallurgical sample preparation methods and sample preparation conditions. These are equipped with beautiful and practical FRP shell, in standard parts which never rust. Customer has the choice of 200mm or 250mm disc size with stepless speed of motor.

**7001PMS-200S/250S****7001PMD-200S/250S**

Specification	Model	7001PMS-200S	7001PMS-250S	7001PMD-200S	7001PMD-250S
No. of Discs		1	1	2	2
Dia of the Disc		200mm	250mm	200mm	250mm
Rotation Speed		50-600 RPM(Stepless)	50-600 RPM(Stepless)	50-600 RPM(Stepless)	50-600 RPM(Stepless)
Coolant Facility		Inlet & Outlet	Inlet & Outlet	Inlet & Outlet	Inlet & Outlet
Motor Capacity		250 Watts	250 Watts	550 Watts	550 Watts
Input Voltage		220 Volts AC/50 Hz.	220 Volts AC/50 Hz.	220 Volts AC/50 Hz.	220 Volts AC/50 Hz.
Phase		Single	Single	Single	Single
Dimensions		615x380x270	615x380x270	690x715x310	690x715x310
Weight		30Kg.	30Kg.	45Kg.	45Kg.

**AUTOMATIC SPECIMEN GRINDING / POLISHING MACHINE : 7001PMA**

☑ Mechanical transmission load	☑ Grinding spindle can regulate steplessly.	☑ Large-capacity automatic abrasive distribution system.
☑ Figures display sample speed.	☑ Beautiful, durable ABS shell, stainless steel standard parts.	☑ Simultaneously process many pieces of style.
☑ Load pressure, and adjustable sample time.	☑ Equipped with quick-change polishing disc, multi-style clamps.	☑ With "one-click fix" program features.
☑ Disc has two functions of two speed and stepless speed.		☑ Central loading.

**7001PMA****Technical Specification : 7001PMA**

Rotate Speed	50-60rpm (stepless speed) or 150rpm, 300rpm (two speed)
Ranges	1-200N
Sample Time	0-999s
Diameter of Grinding/Polishing Disc	Ø250
Power Supply	220V, 50Hz
Machine Dimension	660x380x640mm
Net Weight	45kg