



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

METALLOGRAPHIC SPECTRO POLISHING MACHINE WITH SUCTION

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



SSPM-14(S) SERIES

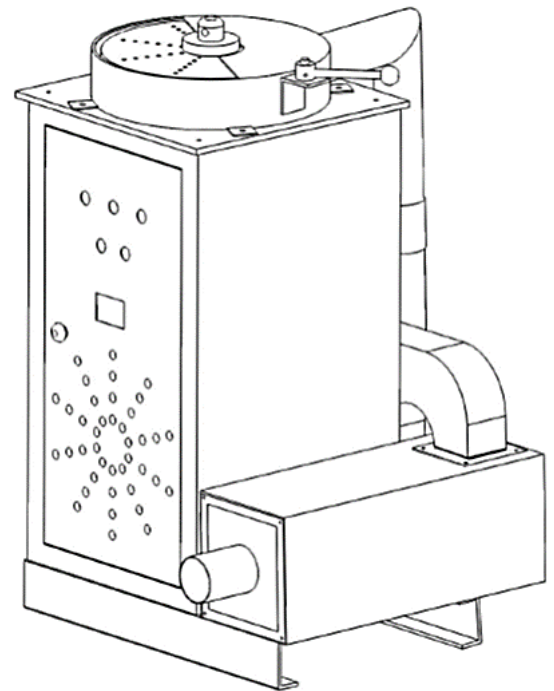
**DESCRIPTION:**

Metallography is the study of the physical structure and components of metals, typically using microscopy. The surface of a metallographic specimen is prepared by various methods of cutting, grinding, polishing, and etching. After preparation, it is often analysed using optical or electron microscopy. Using only metallographic techniques, a skilled technician can identify alloys and predict material properties.

Our SSPM-14(S) Series Spectro Polishing Machine is very useful for preparation of Spectro sample very fast and clean. Outer body made of thick Mild Steel with powder coated rust proof paint.

FEATURES:

- Spectro smart is very useful for preparation of Spectro samples.
- Outer body is made of thick Mild Steel Sheet. It is powder coated for aesthetic look.
- The machine is standalone unit with sturdy construction for making heavy duty Spectro samples.
- Polishing paper can be easily replaced with the help of a single screw arrangement.
- Machine is equipped with powerful air suction system to suck all the particles generated by grinding. Suction also hold the taper flat on the surface of the grinding disc.
- Disc plate made: Made of aluminium with air gripping arrangement to aluminium disc and with locking system to keep the aluminium disc in position.
- Disc Housing: made of aluminium and machined to suit the disc plate, disc covers and machine stand. At the back of the disc housing the pipeline connected to the dust-collecting unit, cooling and gripping the aluminium disc uniformly at the time of operation.
- Starters: Push button type of main and air gripping motor, With all standard accessories.



**TECHNICAL SPECIFICATIONS:**

Model No.	SSPM-14(S)	SSPM-14(SV)	SSPM-14(SVD)
Disc Motor	2 HP, 2800 RPM, 3 Phase		
Suction Motor	1HP, 420V, 2800 RPM, 3 Phase		
AC Drive	-	2HP, 3 Phase	
Rotating Disc Mode	Fixed	Variable	
RPM Meter	-	-	Digital
Proximity Sensor	-	-	12mm NPN Sensor
Display Type	-	-	LED
Disc plate	Aluminium Disc, 350x40 mm		
Disc cover	Machine to Suit the disc housing and to cover the disc plate by 270 Degree for safety		
Power Supply	440/460 volts, 3 phases, AC supply		
Weight	125Kg Approx.		
Dimensions	100cm x 60cm x 50cm (Approx.)		

* Due to continues product development, product image & Specifications are subject to change.

* Customization can be done as per user requirement.