



We offer  
Complete Range of  
Metallurgy  
Weld Penetration  
Material Testing  
& Lab Equipments

**DELHI METCO**

**METALLOGRAPHY CUTTING MACHINE (JUNIOR MODEL) DM-2A**

Cutting Capacity 60mm  
Motor 2 H.p., 3 phase  
Dimensions 800 \*1200 \* 850(in mm)  
Job Holding Bed375\*280



**METALLOGRAPHY CUTTING MACHINE (SENIOR MODEL) ACO-100/ACO-120/ACO150**

Cutting capacity 100mm/120mm/150mm  
Motor 3H.P/5H.P., 3 phase  
Dimensions 800 \*1200 \* 1550(in mm)  
Job Holding Bed300\*280(in mm)



**METALLOGRAPHY CUTTING MACHINE (SUPER DELUXE) ACO-200/ACO-300**

Cutting capacity 200mm/300mm/400mm  
Motor 10H.P/15H.P., 3 phase  
Dimensions 1500 \*2000 \* 2550(in mm)  
Job Holding Bed500\*550(in mm)  
Cutting Capacity Up To 400mm.  
Oscillation type cutting operation



**METALLOGRAPHY CUTTING MACHINE (IMPORTED) ACO-65/ACO-85**

Maximum Cutting Cross Section: 65mm/85mm  
Platen Speed: 2800/min  
Grinding Wheel Sheet  
Specification: 250\*1.5\*32mm/350\*1.5\*32  
Electromotor: 1.1kW 380V 50Hz  
Total Dimension: 870\*590\*1110mm  
Net Weight: 180Kg



**DELHI METCO**

**POLISHING MACHINE (FLOOR MODEL VARIABLE SPEED) DM-1**

- 1/2HP high torque DC motor:-2nos
- 8" disc diameter Standard
- Variable speed 100-1200 RPM
- Flexible water jet
- Gun metal discs



**DIGITAL POLISHING MACHINE (TABLE TOP VARIABLE SPEED)**

- Fully molded FRP Structure
- 1/2HP imported DC drive
- 8" disc diameter Standard
- Variable speed controller 50 to 1200 rpm
- Flexible water jet



**AUTOMATIC VARIABLE SPEED WITH POLISHING HEAD (Single Disc)**

Spring Loaded can hold multiple moulds (up to 4 to 5 moulds).  
Disc size 12"/14" also available  
Abrasive Paper Diameter : 250mm  
Platen Speed: 500/1000rpm  
Electronic control with LCD-Display with digital timer  
½ HP Independent polishing head motor  
1 HP High torque AC motor



**AUTOMATIC VARIABLE SPEED WITH POLISHING HEAD (Double Disc)**

Load assisted can hold multiple moulds (up to 4 to 5 moulds) ..  
Disc size 12"/14" also available  
• Abrasive Paper Diameter: 250mm  
• Platen Speed: upto 400 rpm  
• Operating conditions 10 to 40°C  
• Electronic control with LC-Display with digital timer  
• ½ HP Independent polishing head motor  
• 1 HP High torque AC motor  
• Variable Speed of polishing head 50-200 RPM



**DELHI METCO**

**MOUNTING PRESS**  
The mounting press is equipped with a digit temperature controller to establish real-time temperature meanwhile, a timer is equipped to realize the semi-automation of sample - making for Metallurgy.

**SEMI AUTOMATIC**  
• Specimen Pressing Size:  
Ø 22x15mm / Ø 30x15mm / Ø 45x15mm  
• Heater Capacity: 650W 220V  
• Adjustable Temperature Range: 0-400°C  
• Power: 15% 220V 50Hz voltage fluctuation less than + 15%  
• Overall Dimensions: 340mm X 270mm X 400mm  
• Weight: 25kg (approx)



• Specimen Pressing Size  
Ø 32x15mm / Ø 40x15mm / Ø 50x15mm  
• Heater Capacity: 650W 220V  
• Adjustable Temperature Range: 0-200°C  
• Power: 15% 220V 50Hz voltage fluctuation less than + 15%  
• Overall Dimensions: 340mm X 270mm X 400mm  
• Weight: 60kg (approx)



**FULLY AUTOMATIC**

- Pattern specimen : Ø25mm, Ø30mm, Ø40mm, Ø50mm
- Power : 220V 50Hz
- Maximum consumption : 1800W
- Pressure : 0-2Mpa
- Temperature : 0-300°C
- Cooling : Water cooling



**SPECTRO SAMPLE POLISHER / BELT POLISHER**



**DELHI METCO**

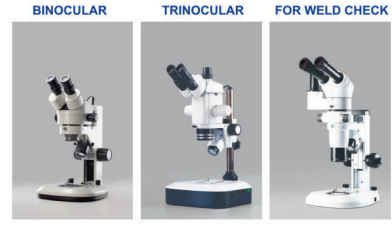
**METALLURGICAL MICROSCOPE**

Illuminated LED Lamp  
Anti-fungal coated objectives, 10x, 20x, 50x, 100x  
Magnification Range 100x to 1000x  
Camera Port for Imaging  
100x Dry Optional



**STEREO ZOOM MICROSCOPE WELD PENETRATION SYSTEM**

Magnification 7x to 50x (Extended upto 100x)



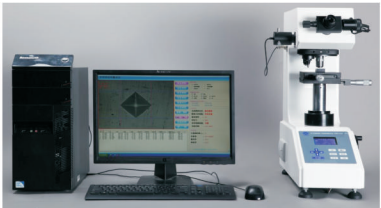
• DIGITAL HAND HELD MICROSCOPE WITH RECORDING, MEASUREMENTS, LIVE SCREENING, MAG. 200X & 400X

**DELHI METCO**

**HARDNESS TESTERS**



**FULLY AUTOMATIC MICRO HARDNESS TESTER**



**MICRO VICKERS HARDNESS TESTER**



**DELHI METCO**

**SALT SPRAY CHAMBER**



• Conforms to ASTM B-117, IS-5528, JIS Z-2371, ISO-3768

SIZE IN INCHES	SIZE IN MM	CAPACITY IN LTR
24" x 18" x 16"	600 x 450 x 400	108
24" x 20" x 20"	600 x 500 x 500	150
36" x 24" x 20"	900 x 600 x 500	270
40" x 32" x 20"	1000 x 800 x 500	350
48" x 40" x 20"	1200 x 1000 x 500	600
64" x 40" x 20"	1600 x 1000 x 500	800
80" x 40" x 20"	2000 x 1000 x 600	1200

**ACRYLIC SERIES**



**STAINLESS STEEL SERIES**



**DELHI METCO**

**VISION MEASUREMENT SYSTEM**



**SPECIFICATIONS:**

MODEL	DM-EV-2515	DM-EV-2515T	DM-EV-3020
X-Axis Travel	250 mm	250 mm	300mm
Y-Axis Travel	150 mm	150 mm	200mm
Z-Axis Travel	150 mm	150 mm	200mm
Accuracy	(3+L / 200)µm		
Resolution	0.001mm		
Repeatability	2 (µm)		
Precision Measuring Head	Without Probe	RENISHAW Touch Probe	Without Probe

**PROFILE PROJECTORS**



**DELHI METCO**

**UNIVERSAL TESTING MACHINE**

- Reports & printouts Graphical-data type reports can be printed through software.
- Software The windows based software
- Ball screw based
- 7" LCD screen

**IMPORTED SERIES**



**TENSILE MACHINE**



**IMPACT TESTER**



**DELHI METCO**

**CONSUMABLES**

- Polishing Cloth
- Polishing Papers
- Lavigated Alumina
- Abrasive Cutters
- Lapping Compound
- Cold Setting Die
- Phenolic Powders (All Colors)
- Coolant
- Eyepiece / Objectives



• Superior Quality Consumables Introduce by Metallurgist for Better Accuracy  
• We do A.M.C's, Services & Calibration for our customers

**INDIA :**

**SALES OFF :**  
2099/38, 1ST FLOOR, 102, SEWAK CHAMBER, NAIWALA KAROL BAGH, NEW DELHI-110005

**REGD. OFFICE :**  
WZ-43, CHAUKHANDI EXTENSION, TILAK NAGAR, NEW DELHI-110018

**EUROPE :**

**SALES OFFICE :**  
RAVNKOLL, BAKKEN-70, 0971, OSLO, NORWAY  
CALLE PLUS ULTRA -1, BARAJAS-28042, MADRID, SPAIN  
PH. : (O) 28757156, (M) : 9211088924, 9999988924  
E-mail : [rajat@metallography.co.in](mailto:rajat@metallography.co.in), [sales@metallography.co.in](mailto:sales@metallography.co.in)  
Website : [www.metallography.co.in](http://www.metallography.co.in), [www.saltspraychamber.co.in](http://www.saltspraychamber.co.in)