



# Inspection Equipment: Microscope

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*Approach The Die Specialists Today!*

## Experience the BI Competitive Edge

- **Lowest Price Per Cost**

High Quality Raw-Material used by us reduces hidden costs associated with lower quality products.

- **Precision Parts & Superior Design**

Our Products have long-lasting lifespan, thereby ensuring lesser die-requirement, helping achieve saving on downtime, labor and dies cost, as fewer dies do MORE!

- **Premium Customer Service**

For any rush or any clarification about your dies, don't worry! Rest assured! We are dedicated to your success, making your job easier!

## Contact Us

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**Connect With Us:**

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#### MANUFACTURER'S & SUPPLIER'S OF QUALITY PRODUCTS:

WIRE, TUBES & ROD DRAWING DIES - DIAMOND - PCD - COMPACTING - COATING - WIRE STRAIGHTENING  
- HEADING - GRIPPER - EXTRUSION DIES - WIRE GUIDING NOZZLES - POWDERED & GRANULAR CHARCOAL -  
WIRE DRAWING LUBRICANTS - WIRE CUTTERS - PULLING-IN-DOGS - METALLURGICAL MICROSCOPE FOR DIE TESTING

**Metallurgical Microscopes** are much different from normal microscope. These microscopes are used for microscopic examination of well polished surfaces like metals and alloys. They help in studying physical properties as well as structure of such specimens. Specimens have to prepared for examination by either polishing, etching or grinding their surface in order to visualise their microstructure.

### **Inspecting Draining Dies(Monocular Microscope-BI 15)**

Bharat Industries makes available to you Monocular Microscope(BI-15) for inspecting Draining Dies used in studying the geometry of dies. The optics provided with the microscope enables excellent magnification, enabling great detailed inspection of Die-surface. It is excellent for viewing opaque surfaces as light after travelling through the objective, reflects again from surface of object back into the objective providing clearer view.



### **T**echnical Specifications

Sr. No.	Specification	Details:
1	Magnification	40X, 100X, 200X
2	EyePiece	Wide Field 10X eyepiece, 20X Optional
3	Three Objectives	4X, 10X, 20X
4	Microscope Head Details	15 Degrees inclined Monocular head
5	Illumination at base	Frosted Bulb 60W
6	Focusing	<ul style="list-style-type: none"><li>• Focusing Knobs on both sides of microscope enabling raising and lowering of objective.</li><li>• This assures viewing of flat surfaced specimen placed below the objective.</li><li>• Total focusing distance: 20mm</li></ul>
7	Net Weight	5.5 Kg

**MANUFACTURER'S & SUPPLIER'S OF QUALITY PRODUCTS:**

WIRE, TUBES & ROD DRAWING DIES - DIAMOND - PCD - COMPACTING - COATING - WIRE STRAIGHTENING  
- HEADING - GRIPPER - EXTRUSION DIES - WIRE GUIDING NOZZLES - POWDERED & GRANULAR CHARCOAL -  
WIRE DRAWING LUBRICANTS - WIRE CUTTERS - PULLING-IN-DOGS - METALLURGICAL MICROSCOPE FOR DIE TESTING

## **Inspecting Draining Dies(Stereoscopic Binocular Microscope- BI-25)**

Bharat Industries also makes available to you Stereoscopic Binocular Microscope- BI-25, specifically designed for viewing fine dies. It is very useful in viewing detailed images of Metallic Grain structures and is an ideal tool for quality control and testing. It can be used in metallurgical laboratories as well as in foundries.



## **T**echnical Specifications

Sr. No.	Specification	Details:
1	Magnification	7X-45X
2	EyePiece	One Pair of Wide Field 10X eyepiece, 20X Optional
3	Twin Zooming Objectives	0.7x-4.5x (Zooming Ratio 1:6.5)
4	Microscope Head Details	<ul style="list-style-type: none"><li>• 45 Degrees inclined Monocular head</li><li>• Total Working Distance: 100mm</li></ul>
5	Illumination at base	<ul style="list-style-type: none"><li>• Halogen Lamp incident light illuminator</li><li>• Fluorescent lamp illuminator</li></ul>
6	Focusing	<ul style="list-style-type: none"><li>• Coaxial Fine and Coarse Focusing Knobs on both sides of microscope enabling raising and lowering of objective.</li><li>• Adjustable Lock to limit coarse adjustment to protect objectives and Spicemens.</li></ul>
7	Net Weight	14.5 Kg