

COMETEK



# MICROSCOPY

## CATALOGUE 2024



**MSME**

सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

## DISSECTING MICROSCOPE (DM-01)

Product Code: BIO08501

Price: ₹ 1800

### TECHNICAL SPECIFICATION

The Dissecting Microscope is used for demonstration, close study of small organisms and fine dissection work. Heavy round base for greater stability with all Metal Parts & beautiful look, Equipped with joint revolving arm for moving the magnifying lens over the stage allowing the whole stage area to be scanned. Detachable rests on either side of the stage provide a steadying Support for hands during fine dissecting. Focusable by rack & pinion.

**Eyepieces:** H10x and H15x



## DISSECTING MICROSCOPE - BULL EYE (DM-02)

Product Code: BIO08502

Price: ₹ 3000

### TECHNICAL SPECIFICATION

Heavy round base with a precisely designed body, providing convenience for easy lifting and movement. Sensitive focusing is done by rack-pinion moving on a lapped dovetailed guide. A joint Revolving Arm is provided for moving magnifying lens over full area of the stage; it is easily replaceable by a special BULL EYE LENS 80mm. dia. to increase the field of vision. A Plano concave mirror fitted in fork for light reflection, sturdy removable hand rests and arrangement for inserting white or black plate for respective background, help easy working on the instrument.

**Eyepieces:** With Bull Eye Lens 80mm in dia.

**Optional:** Wooden Box



## JUNIOR MICROSCOPE - SINGLE NOSE (SM-SN)

Product Code: BIO06401

Price: ₹ 2000

### TECHNICAL SPECIFICATION

- Stable & Robust, Horse-shoe Base
- Body inclinable Through 90 degree, Tube Length 160mm
- Fixed Stage with Clips
- Smooth Coarse Focusing Knobs. Movement through Rack and Pinion.
- Illumination by Plano concave Mirror.

### OPTICAL COMBINATION

**Eyepieces:** HY10x, HY15x

**Objectives:** 10X [Achromatic]

**Magnification:** 100x-150x

### OPTIONAL ACCESSORIES

1. LED Lamp ( Sub Stage Pin Type)
2. Eye Pieces: WF10x.



**STUDENT MICROSCOPE (SM-01)****Product Code: BIO06301****Price: ₹ 4800****TECHNICAL SPECIFICATION**

|                     |   |
|---------------------|---|
| <b>Body</b>         | Sturdy and well balanced monocular body, inclined to horizontal level of 90 degree.       |
| <b>Stage</b>        | Fixed square stage 110 mm x 110 mm <b>with spring loaded clips for holding slide.</b>     |
| <b>Focusing</b>     | Focusing by coarse and fine adjustment without scale.                                     |
| <b>Nosepiece</b>    | <b>Triple revolving Brass Nosepiece</b> is provided with click stop for proper centering. |
| <b>Condenser</b>    | Fixed Sub stage Abbe type N.A. 1.25 condenser with iris diaphragm.                        |
| <b>Illumination</b> | Illumination by Plano concave mirror.   |
| <b>Packing</b>      | Securely Packed in Thermocol Box with Dust Cover and Cleaning Cloth.                      |

**OPTICAL COMBINATION**

|                      |                                    |
|----------------------|------------------------------------|
| <b>Eyepieces</b>     | WF10x                              |
| <b>Objectives</b>    | 10X & 45X S/L [Achromatic - Brass] |
| <b>Magnification</b> | 100X-450X                          |

**OPTIONAL ACCESSORIES**

1. LED Lamp ( Sub Stage Pin Type)
2. Mechanical stage for X – Y movements of slide.
3. Eye Pieces: WF15x
4. Objectives: 5x, 20x, 60x S/L.
5. Wooden Box for Microscope.

**STUDENT MICROSCOPE - SENIOR (SM-02)****Product Code: BIO06302****Price: ₹ 5200****TECHNICAL SPECIFICATION**

- Sturdy and well-balanced monocular body, inclined to a horizontal level of 90 degree
- Fixed square stage 110 mm x 110 mm **with spring loaded clips for holding slide.**
- Focusing on coarse and fine adjustment without scale.
- Triple revolving **Brass Nosepiece** is provided with a click stop for proper centering.
- **Focusable** through Rack and Pinion Sub stage Abbe type N.A. 1.25 condenser with iris diaphragm
- Illumination by Plano concave mirror.
- Securely Packed in Thermocol Box with Dust Cover and Cleaning Cloth.

**OPTICAL COMBINATION**

|                      |                                    |
|----------------------|------------------------------------|
| <b>Eyepieces</b>     | WF10x                              |
| <b>Objectives</b>    | 10X & 45X S/L [Achromatic - Brass] |
| <b>Magnification</b> | 100X-450X                          |

**OPTIONAL ACCESSORIES**

1. LED Lamp ( Sub Stage Pin Type)
2. Mechanical stage for X – Y movements of slide.
3. Eye Pieces: WF15x
4. Objectives: 5x, 20x, 60x S/L, 100x S/L (OIL IMMERSION).
5. Wooden Carrying Case



## MEDICAL MICROSCOPE (MM-01)

Product Code: BIO06601

Price: ₹8000

### TECHNICAL SPECIFICATION

- Sturdy and well balanced monocular body, inclined to horizontal level of 90 degree with all metal parts and metal Knobs.
- Graduated X-Y movement Mechanical square stage 120 mm x 120 mm
- Triple revolving Brass Nosepiece is provided with a click stop for proper centering.
- Focusing by coarse and fine adjustment with scale.
- Focusable through Rack and Pinion Sub stage Abbe type N.A. 1.25 condenser with iris diaphragm
- Illumination by Plano concave mirror in fork mount.
- Securely Packed in Thermocol Box with Printed Box with Dust Cover, Cleaning Cloth and Illumination oil.

### OPTICAL COMBINATION

**Eyepieces** WF10x

**Objectives** 10X & 45X S/L & 100X S/L [Achromatic] - Brass CP

**Magnification** 100X-1000X

### OPTIONAL ACCESSORIES

1. LED Lamp ( Sub Stage Pin Type)
2. Wooden Carrying Case.
3. Eye Pieces: WF15x
4. Objectives: 5x, 20x, 60x S/L.



## MEDICAL MICROSCOPE - INCLINED (MM-02)

Product Code: BIO06602

Price: ₹8400

### TECHNICAL SPECIFICATION

- Sturdy and well balanced monocular body, with a **45 degree inclined tube** with all metal parts and metal Knobs.
- Graduated X-Y movement Mechanical square stage 120 mm x 120 mm
- Dust proof triple revolving nose piece with positive click stops
- Focusing by coarse and fine adjustment **with scale**.
- **Focusable through Rack and Pinion** Sub stage Abbe type N.A. 1.25 condenser with iris diaphragm
- Illumination by Plano concave mirror in fork mount.
- Securely Packed in Thermocol Box with Printed Box with Dust Cover, Cleaning Cloth and Illumination oil.

### OPTICAL COMBINATION

**Eyepieces** WF10x

**Objectives** 10X & 45X S/L & 100X S/L [Achromatic] - Brass CP

**Magnification** 100X-1000X

### OPTIONAL ACCESSORIES

1. LED Lamp ( Sub Stage Pin Type)
2. Wooden Carrying Case.
3. Eye Pieces: WF15x
4. Objectives: 5x, 20x, 60x S/L.



## PATHOLOGICAL MONOCULAR MICROSCOPE (MM-11)

Product Code: BIO06611

Price: ₹ 11800

### TECHNICAL SPECIFICATION

- Sturdy and well balanced body, with an **INCLINED MONOCULAR VIEWING HEAD.**
- Head Rotatable at 360 degree.
- Quadruple Brass nose piece with positive click stops.
- Separate Coarse & Fine focusing Graduated to 1Div=.002mm.
- With Mechanical stage for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control. **(Battery backup additional)**
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

### OPTICAL COMBINATION

**Eyepieces:** WF10x

**Objectives:** Achromatic; 5x, 10x, 45x(S/L), 100x(S/L) **BRASS**

**Magnification:** X45 – X1000

### OPTIONAL ACCESSORIES

- Wooden Carrying Case.
- Eye Pieces: WF15x
- Battery backup Function.
- Objectives: 20X, 60X S/L.



## PATHOLOGICAL MONOCULAR MICROSCOPE (MM-12)

Product Code: BIO06612

Price: ₹ 13600

### TECHNICAL SPECIFICATION

- Sturdy and well balanced body, with an **INCLINED MONOCULAR VIEWING HEAD.**
- Head Rotatable at 360 degree.
- Quadruple Brass nose piece with positive click stops.
- Separate Coarse & Fine focusing Graduated to 1Div=.002mm.
- With Mechanical stage for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control with Battery Backup Function.
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

### OPTICAL COMBINATION

**Eyepieces:** WF10x

**Objectives:** Semi-Plan; 4x, 10x, 40x(S/L), 100x(S/L). **BRASS**

**Magnification:** X40 – X1000

### OPTIONAL ACCESSORIES

- Wooden Carrying Case.
- Eye Pieces: WF15x
- Objectives: 20X, 60X S/L.



**PATHOLOGICAL MONOCULAR MICROSCOPE - COXIAL (MM-22)**

Product Code: BIO06622

Price: ₹ 19500

**TECHNICAL SPECIFICATION**

- Sturdy and well balanced body, with an **INCLINED MONOCULAR VIEWING HEAD.**
- Head Rotatable at 360 degrees.
- **Quadruple Ball-Bearing** brass nosepiece with positive click stops.
- **Co-axial Coarse & Fine** focusing Graduated to 1Div=.002mm.
- With **Dual Step Mechanical stage** for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control with Battery Backup Function.
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

**OPTICAL COMBINATION**

Eyepieces: WF10x

Objectives: Semi-Plan; 4x, 10x, 40x(S/L), 100x(S/L). **BRASS**

Magnification: X40 – X1000

**OPTIONAL ACCESSORIES**

- Wooden Carrying Case.
- Eye Pieces: WF15x.
- Objectives: 20X, 60X S/L.

**PATHOLOGICAL BINOCULAR MICROSCOPE (BM-11)**

Product Code: BIO06711

Price: ₹ 12800

**TECHNICAL SPECIFICATION**

- Sturdy and well balanced body, with an **INCLINED BINOCULAR VIEWING HEAD.**
- Head Rotatable at 360 degree.
- Quadruple Brass nose piece with positive click stops.
- Separate Coarse & Fine focusing Graduated to 1Div=.002mm.
- With Mechanical stage for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control. **(Battery backup additional)**
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

**OPTICAL COMBINATION**

Eyepieces: WF10x

Objectives: Achromatic; 5x, 10x, 45x(S/L), 100x(S/L) **BRASS**

Magnification: X40 – X1000

**OPTIONAL ACCESSORIES**

- Wooden Carrying Case.
- Eye Pieces: WF15x
- Battery backup Function.
- Objectives: 20X, 60X S/L.



**PATHOLOGICAL BINOCULAR MICROSCOPE (BM-12)**

Product Code: BIO06712

Price: ₹ 14600

**TECHNICAL SPECIFICATION**

- Sturdy and well balanced body, with an **INCLINED BINOCULAR VIEWING HEAD.**
- Head Rotatable at 360 degree.
- Quadruple Brass nose piece with positive click stops.
- Separate Coarse & Fine focusing Graduated to 1Div=.002mm.
- With Mechanical stage for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control with Battery Backup Function.
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

**OPTICAL COMBINATION**

Eyepieces: WF10x

Objectives: Semi-Plan; 4x, 10x, 40x(S/L), 100x(S/L). **BRASS**

Magnification: X40 – X1000

**OPTIONAL ACCESSORIES**

- Wooden Carrying Case.
- Eye Pieces: WF15x
- Objectives: 20X, 60X S/L.

**PATHOLOGICAL BINOCULAR MICROSCOPE - COXIAL (BM-22)**

Product Code: BIO06722

Price: ₹ 21500

**TECHNICAL SPECIFICATION**

- Sturdy and well balanced body, with an **INCLINED BINOCULAR 30degree VIEWING HEAD.**
- Head Rotatable at 360 degrees.
- **Quadruple Ball-Bearing** brass nosepiece with positive click stops.
- **Co-axial Coarse & Fine** focusing Graduated to 1Div=.002mm.
- With **Dual Step Mechanical stage** for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control with Battery Backup Function.
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

**OPTICAL COMBINATION**

Eyepieces: WF10x

Objectives: Semi-Plan; 4x, 10x, 40x(S/L), 100x(S/L). **BRASS**

Magnification: X40 – X1000

**OPTIONAL ACCESSORIES**

- Wooden Carrying Case.
- Eye Pieces: WF15x.
- Objectives: 20X, 60X S/L.



## PATHOLOGICAL TRINOCULAR MICROSCOPE (TM-12)

Product Code: BIO07112

Price: ₹ 17000

### TECHNICAL SPECIFICATION

- Sturdy and well balanced c-shape body, with an **INCLINED TRINOCULAR VIEWING HEAD**.
- Head Rotatable at 360 degree.
- Quadruple Brass nose piece with positive click stops.
- Separate Coarse & Fine focusing Graduated to 1Div=.002mm.
- With Mechanical stage for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control with Battery Backup Function.
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

### OPTICAL COMBINATION

**Eyepieces:** WF10x

**Objectives:** Semi-Plan; 4x, 10x, 40x(S/L), 100x(S/L). **BRASS**

**Magnification:** X40 – X1000

### OPTIONAL ACCESSORIES

- Wooden Carrying Case.
- Eye Pieces: WF15x
- Objectives: 20X, 60X S/L.
- USB Camera Eyepiece; 1.3MP, 3MP, 5MP.



## PATHOLOGICAL TRINOCULAR MICROSCOPE – COXIAL (TM-22)

Product Code: BIO07122

Price: ₹ 22500

### TECHNICAL SPECIFICATION

- Sturdy and well balanced c-shape body, with an **INCLINED TRINOCULAR VIEWING HEAD**.
- Head Rotatable at 360 degrees.
- **Quadruple Ball-Bearing** brass nosepiece with positive click stops.
- **Co-axial Coarse & Fine** focusing Graduated to 1Div=.002mm.
- With **Dual Step Mechanical stage** for X&Y movement of slide.
- Movable abbe Condenser N.A.1.25 with iris diaphragm with swing out filter holder.
- Built in Illumination **LED** with intensity control with Battery Backup Function.
- Securely Packed in Thermocol Box with Dust Cover, Cleaning Cloth and Illumination oil.

### OPTICAL COMBINATION

**Eyepieces:** WF10x

**Objectives:** Semi-Plan; 4x, 10x, 40x(S/L), 100x(S/L). **BRASS**

**Magnification:** X40 – X1000

### OPTIONAL ACCESSORIES

- Wooden Carrying Case.
- Eye Pieces: WF15x.
- Objectives: 20X, 60X S/L.
- USB Camera Eyepiece; 1.3MP, 3MP, 5MP.





## ACCESSORIES & SPARES FOR MICROSCOPES

### MICROSCOPE EYEPIECES

| Product Name                      | Product Code | Price |
|-----------------------------------|--------------|-------|
| Eyeiece HY10x - Brass             | BIO07210     | ₹ 210 |
| Eyeiece HY15x - Brass             | BIO07215     | ₹ 210 |
| Eyeiece WF10x - Plastic           | BIO07310     | ₹ 210 |
| Eyeiece WF15x - Plastic           | BIO07315     | ₹ 240 |
| Eyeiece WF10x - Metal             | BIO07410     | ₹ 300 |
| Eyeiece WF15x - Metal             | BIO07415     | ₹ 390 |
| Eyeiece WF10x (18mm Coated Metal) | BIO07510     | ₹ 360 |



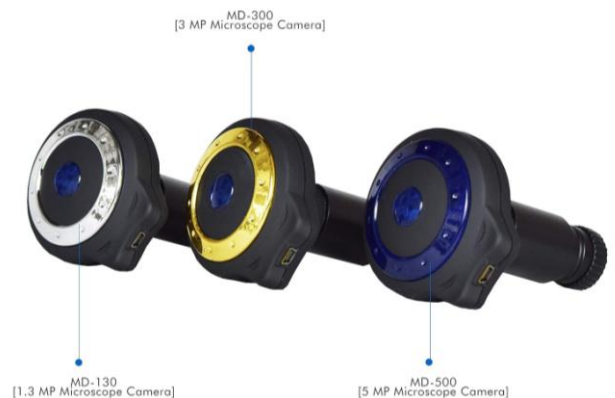
### MICROSCOPE OBJECTIVES

| Product Name                        | Product Code | Price  |
|-------------------------------------|--------------|--------|
| Objective 10x - Achromatic          | BIO080010    | ₹ 360  |
| Objective 45x - Achromatic          | BIO080045    | ₹ 540  |
| Objective 5x - Achromatic (Brass)   | BIO081005    | ₹ 450  |
| Objective 10x - Achromatic (Brass)  | BIO081010    | ₹ 540  |
| Objective 20x - Achromatic (Brass)  | BIO081020    | ₹ 660  |
| Objective 45x - Achromatic (Brass)  | BIO081045    | ₹ 660  |
| Objective 60x - Achromatic (Brass)  | BIO081060    | ₹ 750  |
| Objective 100x - Achromatic (Brass) | BIO081100    | ₹ 1050 |
| Objective 5x - Semi Plan            | BIO082005    | ₹ 510  |
| Objective 10x - Semi Plan           | BIO082010    | ₹ 660  |
| Objective 20x - Semi Plan           | BIO082020    | ₹ 1050 |
| Objective 45x - Semi Plan           | BIO082045    | ₹ 1050 |
| Objective 60x - Semi Plan           | BIO082060    | ₹ 1250 |
| Objective 100x - Semi Plan          | BIO082100    | ₹ 1350 |



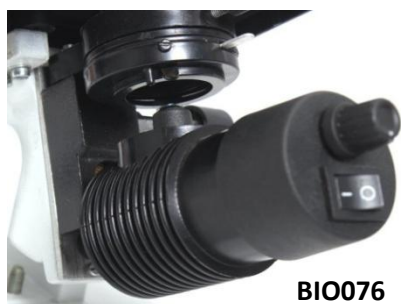
### MICROSCOPE USB EYEPIECE CAMERA

| Product Name   | Product Code | Price   |
|----------------|--------------|---------|
| 1.3 Mega Pixel | BIO07701     | ₹ 15000 |
| 3 Mega Pixel   | BIO07702     | ₹ 19500 |
| 5 Mega Pixel   | BIO07703     | ₹ 22500 |



## MICROSCOPE ACCESSORIES

| Product Name                    | Description  | Product Code | Price  |
|---------------------------------|--|--------------|--------|
| <b>MECHANICAL STAGE (Brass)</b> | Detachable, for fitting on the fixed stage of microscope. The two graduated X and Y movements are adjusted by rack & pinion mechanism and have vernier scales reading to 0.1 mm. | BIO086       | ₹ 1200 |
| <b>ABBE CONDENSER</b>           | N.A. 1.2, mounted with adjustable iris diaphragm.  | BIO084       | ₹ 250  |
| <b>REFLECTOR</b>                | 50 mm diameter, plane and concave mirror reflectors in metal frame.  | BIO083       | ₹ 80   |
| <b>MICROSCOPE LED LAMP</b>      | 220 volt, 15 watt, to replace day-light mirror reflector, fits into microscope body. Simple in Bakelite housing, On/Off switch, with Brightness Regulator.                       | BIO076       | ₹ 360  |



**BIO076**



**BIO086**



**BIO083**

## TERMS AND CONDITIONS

- All Prices are Ex-works.
- G.S.T will be charged extra as applicable.
- The Prices are subject to alteration without any prior notice.
- Packing, Insurance and Forwarding are extra as applicable.
- Our responsibility ceases once we deliver the goods to the carriers.
- Disputes will be handled in Ambala Jurisdictions.

# COMETEK

**Diwakar Instruments Company**

3467, Kacha Bazar, Ambala Cantt, 133001 (Haryana), India.

GSTIN: 06CTEPD9831M1ZD

Mobile: 7206488884, 0171-4082442

Email: diwakarinstruments@gmail.com

Website: www.diwakarinstruments.com