

# *microVISION*™(Eco Model)

**INTRODUCTION**

*microVISION*™( Eco Model) is a latest economical Microscope, very useful for Textile laboratories, college & Universities for analysis of textile fibre & yarns.

**EQUIPMENT**

Paramount *microVISION*™( Eco Model) is an economical Microscope with four objectives of different resolutions to change the power of magnification according to the requirement. Specially designed mechanical stage for sample mounting, which can be moved Up, Down ,Forward & Backward to focus the specimen. Light intensity controller knob is provided for proper viewing of specimen. Fine & coarse focus adjustment knob for easy focusing the sample. The unit is meticulously finished in cream paint for modern stylish look.

**SALIENT FEATURES**

- An economical Microscope, which is very useful for fibre analysis or fibre identification.
- Maximum resolution that can be attained is 400X.
- Supplied with 4X, 10X, 20X & 40X objectives and 10X & 5X eye pieces.
- Latest economical model with stylish appearance
- Smooth precision engineered components for excellent performance
- Complete with all accessories-slides, cover slides, and yarn holder etc.

**microVISION™( Eco Model)is supplied complete with below accessories.**

Main Unit	: 01 No.
Objectives, 4x,10x, 20x & 40x )	: 01 No. (Each)
Eye piece	: 02set(10x & 5x)
Micro Slides (One Packet)	: 01 Pkt.
Cover Glasses (One Packet)	: 01 Pkt.
Pointing Needle (To take out yarn from fabrics)	: 01 No.
Lead with Plug	: 01 No.
Spare Halogen Bulb ( 24 Volts, 150 Watts)	: 01 No.
Spare Fuse (3.0 Amp.)	: 01 No.
Cotton Cloth to clean the Objectives & Screen	: 01 No.
Yarn Holder (To Check Yarn Specimens)	: 01 No.
Dust Cover	: 01 No.
Detailed User's Manual	: 01 No.



**TECHNICAL DETAILS**

Mains Supply	: 230 ± 10%, 50 HZ, 1 Phase AC Supply.
Magnification Power	: 400x
Objective	: 4x,10x, 20x & 40x
Light Control	: Invariably controlled Light Intensity Meter.
Mechanical Stage	: Graduated Mechanical Stage with X & Y (Forward & Backward Movement and Left & Right Movement)
Coarse Focus Adjustment	: With a Knob (Bigger Knob).
Fine Focus Adjustment	: With a Knob (Smaller Knob).
Light Condenser Movement	: Up/ Down with a knob
Weight	: 11kgs / 22.2lbs
Dimensions	: 200(L)X ,150(W)X ,365(H) mm 8(L) X, 6(W) X, 14.4(H) inch.

**RELATED STANDARDS**

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