

AMAR ENTERPRISES

An ISO 9001:2008 & NSIC Certified Company




Since 1978

Coaxial Microscope with Achromate Objectives



AE-005


Viewing Head	Binocular / Trinocular 45° rotatable 360°
Eyepiece	Wide Field Eyepiece 10X
Objective	Achromatic objectives 4X, 10X, 40X & 100X
Nosepiece	Quadruple Nosepiece
Mechanical Stage	Coaxial Mechanical Stage
Focusing Stage	Coaxial coarse and fine adjustment
Illumination	6V/20W Halogen Lamp, Brightness Adjustment
Dimension	36 x 26 x 46.5 cm approx
Weight	8.5 kg. approx
Presentation	Packed in thermocole (Styrofoam) Box
Optional Accessories	Phase Contrast Attachment PH-101 Dark Field Attachment DF-101 Digital Camera with Microscope adopter Digital Camera Eye Piece with inbuilt USB Wire CCD Camera with Microscope adopter  Image Analysis Software

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Ambala Cantt - 133001(Haryana) INDIA

Coaxial Microscope with Achromate Objectives



AE-014


Viewing Head	Siedentopf Binocular / Trinocular 30, IPD 55-75mm
Eyepiece	Wide Field Eyepiece 10X / 18mm
Objective	Anti Fungal Achromatic DIN Objective 4x, 10x, 40x, 100x (Oil Imm.)
Nosepiece	Quadruple Reverse Nosepiece
Mechanical Stage	Double Layer 140X140mm / 75X50mm DOUBLE SLIDE HOLDER
Focusing System	Smooth Coaxial coarse and fine Motion
Condenser	NA 1.25 Abbe Condenser with Iris Diaphragm and Filter
Illumination	6V/20W Halogen Lamp, Brightness Adjustment
Dimension	36 x 26 x 46.5 cm approx
Gross Weight	8.5 kg. approx
Presentation	Packed in thermocole (Styrofoam) Box with I.M.
Optional Accessories	PLAN Achromatic Objective, Fluorescent Attachment, Phase Contrast Attachment, Dark Field Attachment, Polarising Attachment, Digital Camera or Digital Camera eye Piece with Inbuilt USB Wire or CCD Camera,  Image Analysis Software, LED Illumination: RECHARGEABLE BATTERY BACK UP, Green LED Pointer Attachment.

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Coaxial Microscope with Infinite Semi Plan Objectives



AE-023

Viewing Head	Siedentopf Binocular / Trinocular Head 30, IPD 48-75mm
Eyepiece	Wide Field Eyepiece 10X / 18mm
Objective	INFINITE SEMI PLAN ACHROMATIC 4x, 10x, 40x, 100x (Oil Imm.)
Nosepiece	Quadruple Reverse Nosepiece
Mechanical Stage	Double Layer 140X140mm / 75X50mm DOUBLE SLIDE HOLDER
Focusing System	Coaxial coarse and fine adjustment, Moving range 20mm
Condenser	Sliding in centerable condenser NA 1.25
Illumination	220V or 110V / 6V 20W Halogen Lamp, Brightness Adjustment
Dimension	35 x 35 x 55.5 cm approx
Gross Weight	12 kg. approx
Presentation	Packed in thermocole (Styrofoam) Box with I.M.
Optional Accessories	PLAN Contrast Adjustment, Dark Field Attachment, Digital Camera or Digital Camera eye Piece with Inbuilt USB Wire or CCD Camera,  Image Analysis Software,

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Coaxial Microscope with Infinite Plan Objectives



AE-032

Optical System

Viewing Head

Eyepiece

Objective

Nosepiece

Mechanical Stage

Focusing System

KOHLER Illumination

Dimension

Gross Weight

Presentation

Optional Accessories

UNIVERSAL INFINITE CORRECTED OPTICAL SYSTEM

Compensation Free Binocular/ Trinocular Head 30°, IPD 48-75mm

Extra Wide Field Eyepiece 10X / 22,

Eyepiece Tube diameter 30mm

Anti Fungal **INFINITIVE PLAN ACHROMATIC**

4x, 10x, 40x, 100x (Oil Imm.)

Inward Tilt (Reverse) **QUINTUPLE** Nosepiece

Double Layer 185X142mm / 75X50mm

DOUBLE SLIDE HOLDER

Coaxial coarse and fine adjustment Fine division 0.002mm

External Illumination, Aspherical collector, Halogen Lamp 6V/30Watt

37 x 41 x 56 cm approx

14 kg. approx

Packed in thermocole (Styrofoam) Box with I.M.

PENTACULAR head for Educational Teaching purpose,

Fluorescent Attachment, Phase Contrast Attachment, Dark Field

Attachment, Digital Camera or Digital Camera Eye Piece with

Inbuilt USB Wire or CCD Camera, **AmAR** Image Analysis Software,

LED Green Pointer Attachment.

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Coaxial Microscope with Infinite Plain Objectives



AE-041

Optical System
Viewing Head
Eyepiece

Objective
Mechanical Stage

Focusing System
Condenser
Halogen Lamp
Dimension
Gross Weight
Presentation
Optional Accessories

UNIVERSAL INFINITE CORRECTED OPTICAL SYSTEM

Siedentopf Binocular / Trinocular Head 30 IPD 50-75mm

Wide Field Eyepiece 10X / 20mm

(HELICAL MOVEMENT IN EYEPIECES)

INFINITY PLAN ACHROMATIC 4x, 10x, 40x (S), 100x (S, Oil)

Double Layer Mechanical Stage 188X150mm,

DOUBLE SLIDE HOLDER

Coaxial coarse and fine Focus adjustment

Abbe NA 1.25 Condenser with Iris Diaphragm and Filter Holder.

12V/20W Halogen Lamp with Brightness Adjustment

38 x 26 x 51 cm approx


8.5 kg. approx

Packed in thermocole (Styrofoam) Box with I.M.

PLAN Achromatic Objective, Fluorescent Attachment, Phase

Contrast Attachment, Dark Field Attachment, Polarising

Attachment, Digital Camera or Digital Camera eye Piece with

Inbuilt USB Wire or CCD Camera,  Image Analysis Software,

LED Illumination: RECHARGEABLE BATTERY BACK UP, Green

LED Pointer Attachment.

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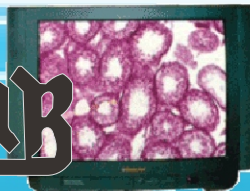
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AE-050



AmAR



AE-050



AmAR

The **AmAR** Microscope is also used for teaching the students in Classrooms.

The Viewing head can be Flexible Interchanged by Touching-Connection of CCD Camera. Video and Digital Signals can be obtained at the Microscope Base and displayed on TV set and PC Monitor At same time by High Resolution CCD Chip, Built-in Mock/Digit converter, Image Driving Software.

Video Resolution

824x612 pixel

Digital Resolution

640x480 pixel

In (V) DCM-100 one can see Image on PC Monitor & TV Set at Same Time.

IN DCM-100 one can see Image on PC Monitor only.

Viewing Head

Binocular 30

Eyepiece

10X WF

Objective

Anti Fungal Achromatic Objective

4x, 10x, 40x, 100x (S, Oil)

Nosepiece

Inward Tilt (Reverse) Quadruple Nosepiece

Mechanical Stage

140X140mm / 75X50mm DOUBLE SLIDE HOLDER

Condenser

NA 1.25 Abbe Condenser

Halogen Lamp

110V or 220V/6V20W

Dimension

34 x 32.5 x 55.5 cm approx

Gross Weight

11 kg. approx

Optional Accessories

AmAR Image Analysis Software,

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Inverted Tissue Culture Microscope With PHASE Contrast



AE-104

Optical System
Viewing Head
Eyepiece
Objective

UNIVERSAL INFINITE CORRECTED OPTICAL SYSTEM

Trinocular Head Inclined at 30° IPD 48-75mm

High-Pointed, Extra Wide Field Eyepiece EW 10X / 22mm

INFINITY PLAN Phase Objective PH 20x/0.4WD 5.1mm

INFINITY PLAN Phase Objective PH 10x/0.25WD 10mm

LWD INFINITY PLAN Phase Objective 4x/0.1WD 18mm

LWD INFINITY PLAN Phase Objective 4x/0.6WD 2.6mm

(Cover Glass 1.2mm)

Coaxial coarse and fine adjustment, vertical objective movement

Quintuple Nosepiece

ELWD Condenser NA 0.3 LWD 72mm, (Without Condenser 150mm)

10x-20x, 40x Phase Annulus Plate

Plain Stage 160x250mm Glass Insert Auxiliary Stage 70x180mm

37.7mm per rotation, Fine Stroke: 0.2mm per rotation

Halogen Lamp 6V / 30W


Diameter 45mm, Blue, Green and Ground Glass

47x40x65 cm approx.

16 kg. approx

Focusing
Nosepiece
Condenser
Phase Annulus
Stage
Coarse Stroke
Illumination
Filter
Dimensions
Gross Weight

Optional Accessories

Fluorescent Attachment, Attachable Mechanical Stage/Ruler, X-Y Coaxial Control, Moving Range 120x78mm, LWD Infintive PLAN Objective 10x / 0.25 Wd10mm, LWD Infintive PLAN Objective 20x / 0.4 wd 5.1mm, Infintive Plan PHASE Objective PH 40x / 0.6 WD 2.6mm (Cover Glass 1.2mm), Centering Telescope (O 30mm), Tarasaki Holder, O 38mm Petri Dish Holder, O 54mm side Glass holder, Digital Camera or CCD Camera or Digital Camera w/inbuilt USB Port,  Image Analysis Software

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AE-140



AE-401

Viewing Head

**Eyepiece
Objective**

Mechanical Stage

Condenser

Illumination

Dimension

Gross Weight

AE-401	2Pcs. Of Binocular Head 45
AE-140	2Pcs. Of Monocular Head and 1 Pc of Binocular 45
	Wide Field Eyepiece WF 10X
	Achromatic Objective
	4x, 10x, 40x (S), 100x (S, Oil)
	Double Layer 140X140mm / 75X50mm
	Abbe NA 1.25 Condenser with Iris Diaphragm & Filter
	Built in Illumination, Halogen Lamp 220V or 110V 6V / 20W
AE-401	33x28x58cm approx
AE-140	33x28x44 & 55x16.5x20cm approx
AE-401	10 kg. Approx
AE-104	17 kg. Approx

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Multi Viewing (Penta Head) Microscope

AE-203



AE-230 (with Infinite Optical System)

Specification of AE-203 Only

The **AmAR** Microscope is Equipped with 5 Header for 5 persons Observing at the Same time. Effective illumination and images Coherence.
It is widely used in Clinic, Research and Teaching Demostration.

Viewing Head

Eyepiece

Objective

Demo Indicator

Mechanical Stage

Condenser

Illumination

Dimension

Gross Weight

Optional Accessories

5 Pcs of Binocular Head 45°

10pcs of Wide Field Eyepiece WF 10X

Anti Fungal DIN Achromatic Objective

4x, 10x, 40x(S), 100x (S, Oil)

Demonstrating Indicator with Illumination of 6V / 3W

Single Layer 140X140mm / 75X50mm

Abbe NA 1.25 Condenser with Iris Diaphragm & Filter

Lamp Housing Illumination, Halogen Lamp 110V or

220V / 24V 100W.

63x53x43cm & 120x55x12cm approx

65 kg. approx

One Trinocular Head, Binocular Heads 30°, Green LED

Pointer Attachment

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AE-302 with AE-401

The Fluorescent Microscope is used to detect bacteria and antigens, early diagnosis of cancer, venereal diseases, immune less diagnosis, examination of botanical material and the study of viruses etc.

Viewing Head
Eyepiece
Objective

Nosepiece
Mechanical Stage
Condenser
Focusing System
Transmitted Illumination
Epi - Fluorescent
Attachment & Reflected
Illumination

Presentation
Dimension

Gross Weight
Optional Accessories

Field Attachment, Polarising Attachment, Digital Camera or Digital Camera Eye piece with inbuilt USB Wire or CCD Camera

Siedentopf Binocular/ Trinocular Head 30 , IPD 55-75mm
Wide Field Eyepiece WF 10X/18mm
Anti Fungal Achromatic DIN Fluorescence Objective
FL 4x, FL10x, FL40x(S), FL100x (S, Oil)

Quadruple Reverse Nosepiece
Double Layer 140X140mm / 75X50mm Double Slide Holder
NA 1.25 Abbe Condenser with Iris Diaphragm and Filter
Smooth Coaxial Coarse & Fine Motion
Halogen Lamp 6V/20W, Brightness Adjustable
B (Blue), G (Green) Exciting Light Filter System, O Ordinary
Light System 100 WHBO Ultra Hi-Voltage Spherical Mercury
Lamp, Orange Protection Barrier to Resist the Ultra Violet
Light with Digital Power Supply (CE Approved)
Packed in Thermocole (Styrofoam) Box with I.M.

AE-302 36x26x46.5 cm approx

AE-401 46x39x23 cm approx

AE-302 8.5 kg. Approx AE-401 15 kg. Approx

UV Filter U(Blue) V(Green), Phase Contrast Attachment, Dark

Image Analysis Software.

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AE-320

Viewing Head

Eyepiece

Zoom Ratio

Total Magnification

Working Distance

Base Size

Focusing Range

Illumination

Power Supply

Dimension

Gross Weight

Presentation

Optional Accessories

Trinocular Head Binocular tube inclined at 45 for comfortable Viewing and rotatable through 360 IPD 55mm to 75mm

Eye Piece High Eyepoint WF 10X/20mm with diopter Adjustment of both eyepiece & rubber eyecups

0.7 : 4.5

7x to 45x

90mm regardless of magnification

260mm x 290mm

Rack and pinion focusing system, Image remains clear, sharp And accurate throughout the whole zoom range.

Halogen 6 Volt 20 Watt & 12 Volt 20 Watt

Switching power supply 220v 50Hz

35x35x45 cm approx

9 kg. Approx

Packed in Thermocol (Styrofoam) box with I.M.

Fluorescent Ring Light 8 watt RL - 101: Tube Type of LED type Dark Field for Gem Observation, Gem Clamp (Tweezer), Auxiliary Objectives 0.5x or 2x, WF Eye Piece 15x or 20x, Digital Camera or CCD Camera or Digital Camera Eye Piece With inbuilt USB wire.

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