

**Product Name :**  
 Advanced Research microscopes

**Product Code :**  
 MICROSCOPES0021



## Description :

Advanced Research microscopes

## Technical Specification :

### Advanced inclined monocular & binocular microscope

These microscopes offer more features, higher quality and better performance than any other educational microscope in its class. These affordable largest sized student proof microscope giving better optical result to meet the demand of education, medical & industry.

#### Features:-

##### Optical System:-

- 1. Coated BK7/017 Co & Huygenier Eyepiece
- 2. Choose between 45x inclined monocular or binocular head
- 3. 20x standard coated achromatic par focal objectives 4x, 10x & 40x (51) (high performance objectives)

##### Stage:-

Built in graduated rectangular co-axial mechanical stage,  
 8x & 22x Abbe condenser with its diaphragm, accessible by knob & piston motion.

##### Illuminator:-

It with, 20-watt halogen lamp fitted directly under the field lens, operate through solid state variable controlled transformer.

##### Focusing:-

Low position coarse & fine focusing controls.  
 Stage moves up or down, eyepiece and body remain fixed

##### Frame:-

Built of aluminum cast metal with a single gray finish and heavy base with electrical fittings results in stable viewing.

##### Reflector:-

Spine retractable reflector for use in case electricity is not available.

#### Specifications:-

Head	Monocular	Binocular
Objectives	Achromatic 4x, 10x, 40x (S1) & 100x (S2)	Achromatic 4x, 10x, 40x (S1) & 100x (S2)
Eyepiece	180°/170° Co & Huy. Co	180°/170° Co & Huy. Co
Stage	Co-axial mechanical stage	Co-axial
Base plate	Ball bearing adjustable microscope	Ball bearing adjustable microscope
Focusing	Coarse & fine motion with tension control on -	Coarse & fine motion with tension control on -
Adjustment	and focusing guide key.	and focusing guide key.
Condenser	Abbe condenser (NA 1.25) with iris filter	Abbe condenser (NA 1.25) with iris filter
Illumination	6V, 20W halogen lamp	6V, 20W halogen lamp

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