

**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 180° TCo & Huygenian Eyepiece
- 2. Choose between 45° inclined monocular or binocular head
- 3. 20x mounted coated automatic par focal objectives 4x, 10x & 40x (SL) (High performance objectives)

##### Stage:-

Built in graduated rectangular co-axial mechanical stage,  
6x1.25 slide condenser with its displacement, movable by rack & pinion motion.

##### Illuminator:-

6 volts, 20-watt halogen lamp fitted directly under the field lens, operates 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 strong cast metal with a single grey finish and heavy base with electrical fittings results in stable viewing.

##### Reflector:-

Spares detachable reflector for use in case electricity is not available.

#### Specifications:-

| Head       | Monocular                                      | Binocular                                 |
|------------|--|---|
| Objectives | Automatic AL 10x, 40x (SL) & 100x (SL)         | Automatic AL 10x, 40x (SL) & 100x (SL)    |
| Eyepiece   | 180° TCo & Huy. SL                             | 180° TCo (P) & Huy. SL                    |
| Stage      | Co-axial mechanical stage                      | 60 (P)                                    |
| Head piece | But bearing double height microscope           | But bearing double height microscope      |
| Focusing   | Coarse & fine motion with tension control on - | But bearing double height microscope      |
| Adjustment | Slide bearing guide view                       | Slide bearing guide view                  |
| Condenser  | Abbe condenser (NA 1.25) with iris filter      | Abbe condenser (NA 1.25) with iris filter |

Illumination 6V, 20W halogen lamp



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