



Binocular stereozoom microscope,  
7x...45x, simple overhanging stand

|                                     |                                    |                                           |
|-------------------------------------|------------------------------------|-------------------------------------------|
| Observation Method - Incident Light | Brightfield                        | Yes                                       |
|                                     | Simple polarized light             | As optional                               |
| Head                                | Type                               | Binocular                                 |
|                                     | Construction material              | Aluminum & Plastic molds / Aluminum gears |
|                                     | Inclination                        | 45°                                       |
|                                     | 360° rotating                      | Yes                                       |
|                                     | Interpupillary distance (mm)       | 51-75                                     |
|                                     | Dioptric adjustment                | On both tubes                             |
|                                     | Head holder internal diameter (mm) | 76                                        |
|                                     | Tube inner diameter (mm)           | 30                                        |
| Eyepieces                           | Field number (mm)                  | 21                                        |
|                                     | Magnification                      | 10x                                       |
|                                     | Micrometric scale                  | As optional                               |
|                                     | Diameter of micrometer glass (mm)  | 23                                        |
|                                     | High eyepoint (for glass wearers)  | Yes                                       |
|                                     | Rubber cup                         | Yes                                       |
|                                     | Retractable protections            | Yes                                       |
| Objective                           | Optical system                     | Greenough                                 |
|                                     | Anti-fungus treatment              | Yes                                       |
|                                     | Objective Type                     | Achromatic                                |
|                                     | Zoom type                          | Parfocal achromatic                       |
|                                     | Working distance (mm)              | 100                                       |
|                                     | Standard magnifications            | 7x-45x                                    |
|                                     | Zoom ratio                         | 6.43                                      |
|                                     | Objective numerical aperture       | 0.02 @ 0.7x<br>0.07 @ 4.5x                |
|                                     | Objective resolution               | 59 lp/mm @ 0.7x<br>208 lp/mm @ 4.5x       |
| Focusing System                     | Type                               | Coarse                                    |
|                                     | Coarse total travel (mm)           | 110                                       |
|                                     | Adjustable tension                 | Yes                                       |
|                                     | Head holder internal diameter (mm) | 76                                        |
| Stand                               | Type                               | Simple overhanging                        |
|                                     | Pillar diameter (mm)               | 32                                        |
| Accessories Included                | Dust cover                         | Yes                                       |
|                                     | User Manual                        | Digital version (downloadable)            |

|                        |                             |                  |
|------------------------|-----------------------------|------------------|
| Additional Information | Maximum sample height (mm): | 400 (from bench) |
|                        |                             |                  |
| Product Dimensions     | Total height (mm)           | 435              |
|                        | Base height (mm)            | 48               |
|                        | Base width (mm)             | 230              |
|                        | Base depth (mm)             | 230              |
|                        | Horizontal arm (mm)         | 415 (overall)    |
| Product Weight         | (kg)                        | 17.5             |
|                        |                             |                  |

