

## Zoom Stereoscopic Microscope



**Stereo Zoom Microscope with Close Circuit Television (CCTV) Camera**



### FEATURES

- Built-in-halogen light and incident light arrangement.
- Fluorescent Ring Light for daylight illumination.
- Continuous zoom effect.
- 1.75x to 240x magnification.
- Parfocal zoom objectives.
- Trinocular head with interpupillary distance adjustment facility & CCTV/SLR Camera attachment.
- Eye diopters adjustment of the viewer.
- Full interface with PC through CCTV Camera.
- Complete windows based measurement software.

### DESCRIPTION

Vaiseshika introduces advance Zoom Stereoscopic Microscope Type 7004 for research institutes & industries. The microscope offers full three dimensional stereoscopic view with continuously variable zoom effect. Sturdy and stable base with built in illumination system serves dual purpose of microscope base and specimen stage. Features 45° viewing binocular head with eye diopters adjustment facility in both the eye pieces. Adequate external illumination lamp facility facilitates observations at high magnifications.

*Vaiseshika Zoom Stereoscopic Microscope is now fully compatible with CCTV Camera interface with computer. Windows based measurement software has now made possible to analyse & measure whatever you see through microscope.*

### TECHNICAL SPECIFICATION

<b>Magnification</b>	7x to 60x continuously variable with 10x wide field eyepiece. 1.75x to 240x with extra eyepieces and auxillary objectives.
<b>Objectives</b>	Parfocal zoom objectives 0.7x to 6x providing continuously variable magnification. Auxiliary OBJ 0.5 x & 2 x (optional)
<b>Eyepieces</b>	Wide Field 10x paired (5x, 15x, or 20x optional)
<b>Focussing</b>	Coarse focussing with pillar clamp. Fine focussing with sensitive rack & pinion motion through large knobs on both sides. Fine focussing range 40 mm approximately.
<b>Working distance</b>	80 mm with standard objective.
<b>Illumination</b>	Diascope illuminator from below the stage, provide uniform, glare free illumination and incident light by 6V-20 watts bulb through built-in variable transformer.
<b>Observation</b>	Microscopic observation of samples is facilitated through a binocular head which can be rotated through 360°. The binocular vision is convenient to observer and eliminates fatigue of eyes. Interpupillary distance can be adjusted according to your eyes.
<b>Stand</b>	Base stable, serving as stage also. Base with built-in light and incident light arrangement.

## MICRO PHOTOGRAPHIC IMAGES CAPTURED ON STEREO ZOOM AND METALLURGICAL MICROSCOPES



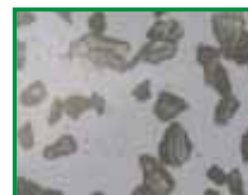
Sample of a Fibre Thread



Cross Sectional View of Gun Powder Partical



Dial of Sonata wrist watch



Fine particles of polishing compound



Full view of fluorescent tube