

BMS Range Stereomicroscopes



The BMS range of stereomicroscopes are elegantly designed modern instruments available in a number of stand and stereohead options. Finished in light grey enamel these microscopes are a recent addition to our range and have proved extremely popular with both industry and the serious microscopist. The optical performance is notable and the coated optics give excellent contrast and colour rendition.

The BMS instruments are all trinocular, with fixed magnification or zoom optical configuration options. There is a choice of plain, long arm and dual illumination stand. These are substantial with a pole stand coarse focus and rack and pinion fine focus. The fine focus has an integral tension adjustment system, and the illuminated option has a plug in facility for the incident illuminator.

- The fixed magnification and zoom models have a working distance of 100mm.
- The magnification range of both models can be extended with additional objective lenses to extend the potential magnification range.
- The zoom version with x10 eyepieces gives an overall magnification range of x7 to x45, this can be extended to x180 with additional objectives and eyepieces.

- The non zoom models have magnification options of x10/x30 or x20/x40, the same objectives and eyepieces to extend the magnification range accordingly.

- The illuminated base has quartz halogen lighting that is rheostat controlled and may be used together or independently, and has a frosted glass and black/white dissection plates.

- Both eyetubes can be focused separately and focus is maintained throughout the zoom range.

- LED and fluorescent ring lights are available for the plain and long arm stand versions.



x15 eyepieces (pair)	BMS901	CCTV adapter	BMS908	Polariser/analyser set	BMS915
x20 eyepieces (pair)	BMS902	SLR camera adapter	BMS909	Fluorescent strip ring light	BMS916
x10 measuring eyepiece	BMS903	Photoeyepiece	BMS910	Spare bulb incident	BMS917
x0.5 objective <i>long arm only</i>	BMS904	Digital camera adapter	BMS911	Spare bulb transmitted	BMS918
x0.75 additional objective	BMS905	Parallax camera adapter	BMS912	Mechanical stage	BMS919
x1.5 additional objective	BMS906	LED Ring light	BMS913	Dark ground attachment	BMS920
x2 objective <i>plain stand only</i>	BMS907	Stage micrometer	BMS914	Gem clamp	BMS921

BMSV Video Stereomicroscope

The BMS video stereomicroscope has an integral CCTV camera fitted within the housing of the stereo head. In all other respects the stereomicroscope has the exact optical and mechanical specification of the BMS with illuminated stand option. The BMSV has the same accessories options as the BMS range.

The 1/3rd inch CCD chip supports PAL only and is therefore not suitable for the North American NSTC system. The output of the CCTV unit can be either S-video analogue or digital.

- In analogue mode (that is suitable for TV display) the camera provides the equivalent of 450 lines and in digital mode gives a resolution of 712 x 582 pixels.

- The CCTV camera has the option of automatic or manual white balance control, together with automatic back light compensation and will respond to 3 lux of light.

- The digital image is TWAIN compliant and is supported by Windows 98, 2000, Windows XP and supports 24 bit true colour.

- The minimum computer specification requires CPU: P11 200 or above, at least 125M of RAM, at least 300M of hard disk space, together with a CD drive and USB port.

