

Brunel BSR Stereo

The BSR series stereomicroscopes combine superb optics with an excellent build quality. The stereo heads incorporate a parallel optical path design that virtually eliminates eyestrain. The BSR is a modular stereomicroscope system that allows specifications to suit all applications. x1 objective supplied as standard. This stereomicroscope has a head that is available either with a full magnification range zoom or with a click stop drum mounted series of objective pairs. The zoom gives a range of x6 to x50 and the click stop the options of x5.5, x10, x17.5, x30 and x55.

A wide range of objectives and eyepieces give the BSR the potential magnification range of x3 to x300.

There is full interocular distance adjustment with dioptic controls on each eyetube, and the zoom and click stop magnification changer controls are conveniently placed on either side of the stereohead. Both stereohead types can be supplied with a choice of seven different bases.

The microscope stands have a pole coarse adjustment with a rack and pinion fine focus system, and are available either plain or with inbuilt incident and transmitted illumination and with three types of long arm arrangement.

- single boom arm on table base or bench edge clamp
- double boom arm on heavy duty case
- hydraulic long reach arm on heavy duty base

The double boom arm, has an excellent ball bearing race movement that allows easy sliding adjustment. A large gliding stage is available as an accessory for the long arm stands, dimensions 440 x 290 x 36mm.

The base of the illuminated stand can be fitted with an excellent mechanical stage with X and Y coaxial movement controls and also an electronic micrometer measuring system.

Stereo Head

The standard trinocular stereohead has parallel optical paths with full interocular and dioptic adjustment. The continuous zoom control allows a magnification range of x6 to x50, that can be augmented with additional objectives and eyepieces.

For those who prefer the alternative 'click stop' stepped magnification, the BSR body can also be provided with the magnification steps x5.5, x10, x15.5, x30 and x50 as an alternative to continuous magnification at the same price.

The imaging port that allows the addition of either a digital camera, CCTV unit or film SLR camera. The camera image can be made parfocal with the microscope image, and the unique image sharing system makes the BSR ideal for teaching and training with both the microscopist and observer being able to view the live image.

Stands

The double illuminated stand has a superb illumination system, with a rheostat controlled 6v 15watt quartz halogen incident and a 6 watt fluorescent strip light for the transmitted light.

The plain base without lighting is in effect the top of the illuminated base so that illumination can be added if required after the initial purchase.

The long arm options in our opinion represent the best value for money in engineering terms that are currently available.

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