

## Brunel SP100 Trinocular

This is an advanced specification microscope and is exclusively available from Brunel Microscopes. It is recommended because of its impressive optical performance as a laboratory specification microscope. It has a build quality comparable to instruments of a far greater price that are currently considered the market leaders. The SP100 is supplied in binocular or trinocular form, and can be quipped with a variety of specifications including achromatic or plan objectives, or as phase contrast and dark ground units.

Four position objective turret with a precise internal indexing mechanism. Parfocal DIN standard objectives x4, x10, x40, x100 (oil), all with a rubber insert styling grip, and matched with extremely widefield x10 eyepieces. x20 and x60 objectives are available as accessories. The SP100 is also available with infinity corrected objectives. Large mechanical stage, drop down coaxial controls and double vernier scales. The substage condenser (N.A. 1.25) has a full rack and pinion control mechanism, centring adjusters and an iris diaphragm and filter carrier with daylight filter.

The microscope head is rotatable through 360 degrees and has full dioptric and interocular adjustment. The trinocular head allows a fixed light share between the trinocular tube and the binocular eyetubes.

The large mechanical stage measures 160 x 150mm and has drop down coaxial controls and double vernier scales.

The substage condenser (N.A. 1.25) has a full rack and pinion control mechanism, centring adjusters and an iris diaphragm and filter carrier with daylight filter.

Integrated solid state electronics control illumination 6v. 20 watt available as 240v or 110 volts (internal switching). Quartz halogen bulb with rheostat control and on/off switch with warning light. Access to the bulb is via a simple trap door in the base. Field lens.

Accessories includes an excellent prism drawing attachment which fits beneath the microscope head and allows both the image and the drawing paper to be viewed simultaneously.

A full phase contrast kit and dark ground condensers make this a very versatile instrument.

Dimensions 410 x 190 x 240mm. Weight 5.5 Kgs.

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