

Brunel SP300 XP

The SP300 xp is the flagship polarising microscope in the Brunel range. Made to an exacting standard and with a very modern stand design the 300 xp has a full polarising specification that makes it ideal for professional applications such as asbestos identification.

- Trinocular head with full interocular and dioptic adjustment, supplied complete with x10 widefield and crosshair eyepieces.
- Slider analyser filter with a remote rotating circular scale that is very easy and convenient to use. This graduated control rotates the internal analyser.
- Slide in Bertrand lens with lateral position adjusters to ensure centralising in the optical path for conoscopic examination. The polarising head unit houses a filter slot to accommodate the quartz wedge, wavelength and quarter wavelength retardation plates.
- Quadruple objective turret with x4, x10, x40 and x60 planachromatic long working distance, strain free polarising objectives. Three of the settings have lateral adjustment to allow the objectives to be centred in the optical path. The fourth objective (x40 recommended) is centred using the lateral adjusters of the specimen stage.
- A ball bearing race rotating circular stage, with graduated chapter ring. The stage has lateral position adjusters to centre it relative to the non adjustable objective. The other objectives are then fine adjusted to centre. This a more sensitive and accurate system than having all objectives adjustable with a non moving stage.
- The polarising filter is in a swing out unit at the base of the condenser with 360 degree rotation with click indexing.
- The SP300XP has low position coaxial coarse and fine focus controls with tension adjustment and variable focus stop. The fine focus controls are graduated to facilitate depth measurement.
- The microscope has a full Kohler illumination system with a field lens and iris diaphragm. The rheostat controlled 2 volt 20 watt illumination system has an easy bulb change trap door in the bottom of the microscope stand.

The SP300XP polarising microscope represents a breakthrough in the development of affordable professional polarising microscopes and has an extensive range of accessories including CCTV and digital camera adapters.

www.educationalmicroscopes.co.uk

Brunel SP300 XP



www.brunelmicroscopes.co.uk