



Model SQF-L.



Model SQF-D with Supplementary objective 2x.

APPLICATIONS

By design and quality optics, these microscopes are recommended especially for long duration work. Ideally suited for biology, botany, archaeology, geology, teaching and electronics.

COMMON FEATURES

Variable magnification using a continuous zoom control, with control knobs on either side to enable parfocal centralised focus.

Three dimensional optical resolution, wide field of view without side aberrations, excellent crisp contrast and true colour.

Optics are protected against knocks.

Binocular or Trinocular head (Model dependent), inclined at 45°.

Adjustable interpupillary distance from 55 to 75 mm.

Rotating head of 360° with easy access for large items.

Dioptric correction of ±5 dp in both eyepieces.

Ocular head fixed with secure screws.

Rubber eyecups.

Pair of eyepieces wide field of view WF20x (20 Ø) or WF10x (23 Ø) model dependent.

Macrometric focus: by means of a vertical slip clutch with a fine adjustment using rack and pinion tension control.

Solid base consisting of a platform with double contrast (black and white) circular plates and translucent etched light diffuser, with fixing screw and holding clips.

Triple illumination system, low voltage with incident light (episcopic) in the head and transmitted (diascopic) in the circular platform: activated individually or simultaneously, with controllable intensity. Also the incident light incorporates a condenser lens with an extractable blue filter.

Model SQF-E trinocular

Same characteristics to the SQF-D model, except that the head is trinocular and it is supplied with a photography adapter and eyepiece WF 10x with an adjustable focus visor (adaptable to a mount T2 PK suitable for supporting "Pentax" camera or similar). The photographic eyepiece and camera with support T2 PK and trigger cable have to be ordered as accessories.

ACCESSORIES

Supplementary objective 0.5x

Part No. **5313203**

Supplementary objective 1.5x

Part No. **5313205**

Supplementary objective 2x

Part No. **5313213**

Eyepiece with wide field of view WF 10x (single).

Part No. **5313100**

Eyepiece with wide field of view WF 15x (single).

Part No. **5313033**

Eyepiece with wide field of view WF 20x (single).

Part No. **5313102**

Eyepiece Photographic 2.5x.

Part No. **5313214**

Eyepiece Photographic 5x.

Part No. **5313215**

Digital reflex photographic kit

Part No. **5313222**

Adapter CCD of 0.5x suitable for a video camera.

Part No. **5313218**

Dark field + gem tweezers.

Part No. **5313050**

Wooden case with handle and lock.

Part No. **5313016**

SPARES

Halogen lamp 6 V / 12 W transmitted.

Part No. **5313040**

Halogen lamp 6 V / 15 W incident.

Part No. **5313043**

Technical table with the different magnifications, working distance and Ø of the field of view resulting in the configuration of the diverse eyepieces and supplementary objectives available.

MODELS	Part No.	Head	Zoom Range	Eyepieces	Standard magnification	Ø Field of view mm	Working distance mm	Illumination system	Weight Kg
SQF-L	5313211	Binocular	0.75x - 3.4x	10x	7.5x - 34x	26 - 5.8	90	Transmitted	5.5
SQF-D	5313209	Binocular	0.7x - 4.5x	20x	14x - 90x	16.4 - 2.6	93	or incident or both	6.1
SQF-E	5313208	Triocular	0.7x - 4.5x	20x	14x - 90x	16.4 - 2.6	93	simultaneously	6.4

Comes with a dust cover and 2 spare lamps.