



### 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 54 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 (12 Ø) or WF10x (22 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 LED system**, low voltage with incident light (episcopic) in the head and transmitted (diascopic) in the circular platform: activated individually or simultaneously, with controllable intensity.

### Model SQF-E LED trinocular

Same characteristics to the SQF-D LED model, except that the head is trinocular and it is supplied with a photography adapter and eyepiece WF 10x with an adjustable focus visor. The photographic eyepiece and camera with support T2 PK and trigger cable have to be ordered as accessories.

### ACCESSORIES

Supplementary objective 0.5x. SQF-L	Part No. <b>5313096</b>
Supplementary objective 0.75x. SQF-L	Part No. <b>5313097</b>
Supplementary objective 1.5x. SQF-L	Part No. <b>5313098</b>
Supplementary objective 2x. SQF-L	Part No. <b>5313099</b>
Eyepiece with wide field of view HWF 10x (single).SQF-D & E	Part No. <b>5313081</b>
Eyepiece with wide field of view HWF 15x (single).SQF-D & E	Part No. <b>5313082</b>
Eyepiece with wide field of view HWF 20x (single).SQF-D & E	Part No. <b>5313083</b>
Video camera for eyepiece (See page 273)	Part No. <b>5435030</b>
Adapter CCD of 0.5x suitable for a video camera.	Part No. <b>5313089</b>
Eyepiece WF10x with grid (single). (Model SQF-D and E)	Part No. <b>5313084</b>
Wooden case with handle and lock.	Part No. <b>5313016</b>

### SPARES

Set of LED lamps SQF-L	Part No. <b>5313015</b>
LED lamp 3 W SQF-D LED and SQF-E LED (transmitted).	Part No. <b>5313044</b>
LED lamp 3 W SQF-D LED and SQF-E LED (incident).	Part No. <b>5313045</b>

*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 LED	<b>5313311</b>	Binocular	1x - 4x	10x	1x - 4x	26 - 5.8	90	Transmitted	5.5
SQF-D LED	<b>5313309</b>	Binocular	0.67x - 4.5x	20x	13.4x - 90x	17.9 - 2.7	105	or incident or both	6.1
SQF-E LED	<b>5313308</b>	Trinocular	0.67x - 4.5x	20x	13.4x - 90x	17.9 - 2.7	105	simultaneously	6.4

Comes with a dust cover.