COMECTA Stereomicroscopes with Zoom "SQF-L LED, SQF-D LED and SQF-E LED"



Model SQF-L LED.



Model SQF-D LED 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 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. 5313096
Supplementary objective 0.75x. SQF-L	Part No. 5313097
Supplementary objective 1.5x. SQF-L	Part No. 5313098
Supplementary objective 2x. SQF-L	Part No. 5313099
Eyepiece with wide field of view HWF 10x (single).SQF-D & E	Part No. 5313081
Eyepiece with wide field of view HWF 15x (single).SQF-D & E	Part No. 5313082
Eyepiece with wide field of view HWF 20x (single).SQF-D & E	Part No. 5313083
Video camera for eyepiece (See page 286)	Part No. 5435041
Adapter CCD of 0.5x suitable for a video camera.	Part No. 5313089
Eyepiece WF10x with grid (single). (Model SQF-D and E)	Part No. 5313084
Wooden case with handle and lock.	Part No. 5313016

SPARES

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

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	5313311	Binocular	1x - 4x	10x	10x - 40x	26 - 5.8	90	Transmitted	5.5
SQF-D LED	5313309	Binocular	0.67x - 4.5x	20x	13.4x - 90x	17.9 - 2.7	105	or incident or both	6.1
SQF-E LED	5313308	Triocular	0.67x - 4.5x	20x	13.4x - 90x	17.9 - 2.7	105	simultaneously	6.4

Comes with a dust cover.