

CSO Slit lamps SL 990 by Visionequip

20% increase in optical resolution and contrast
20% increase in light transmission

Exceptional design, quality optics and machining. Made in Italy

The SL 990 series is characterized by a modern optic project and uses a multilayered antireflection treatment that ensures a more effective transmission of light, thus improving the optic resolution and contrast by 20%.

The optic quality of the SL 990 series moreover provides a 20% increase in optic transmission and a 10% enlargement of depth of field.

Illumination

The 6V 20W halogen bulb assures high quality color temperature. Thanks to the tilting device, the inclined light can be vertically projected up to 20° with 5° intervals.

This shows to be very helpful in the horizontal optical observation, gonioscopy and posterior eye examination.

Microscopio Zoom microscope

Continous enlargements from 6x to 33x, giving clear, brilliant and well contrasted images thanks to the multilayered antireflection treatment. All the accessories of the Galileian microscope can be used.

System for inserting yellow filters for fluoresceinic test

The CSO slit lamps on Galileian microscopes with 3 and 5enlargements and Zoom microscopes allow the option of having the yellow filters (fluoresceinic test) directly inserted into the microscope box for faster testing and improved optic yield of the set.

Beam splitter

System for optic splitting of the microscope image (50% on videocamera - 50% on operator's eye).

It can be supplied in the following models:

- single plug for Panasonic microcameras
- single plug for C gauge telecameras
- single plug (requires adaptor/joint for telecameras)
- double plug

They are also easy to install on Galileian and Zoom microscopes (see illustration).

Optional accessories SL 990

- 16x eyepieces for 990 2x
 - 10x eyepieces for 990 3x/5x
 - Hruby lens kit
 - Tonometer mount
 - Hand-rest
 - Rheostat on instrument base
 - Video adapter
 - Micrometer eyepieces
 - Second observer tube
 - Bearing with contrast and polarization filters
 - Beam splitter for microcamera
 - Beam splitter with one plug only for standard videocamera
 - Beam splitter with two plugs (reflex camera-second observer-video)
 - Background illumination kit
 - Yellow filters included in microscope
- SL 990 standard accessories**
- Joystick's push button (useful in Eye Image® acquisition).





- Chin-rest tissue
- Spare illumination bulb
- Fuses
- Maintenance kit

Technical specifications

Microscope	SL 990 2x	SL 990 3x	SL 990 5x	SL Zoom 990
Type	Greenough converging binocular	Galileian converging binocular	Galileian converging binocular	Zoom converging binocular
Magnification	2 positions revolving objective	3 positions rotating drum	5 positions rotating drum	continuously variable
Eyepieces	10x 16x	12,5x	12,5x	12,5x
Total magnification	10x 16x 16x 25x	10x 16x 25x	6x 10x 16x 25x 40x	6 - 33x
Real fields of view (mm.)	19 12 16 10,5	29 16 9	44 29 16 9 6	37 - 7
Interpupillary adjust	51,8 - 87 mm.	48,5 - 80 mm.	48,5 - 80 mm.	48,5 - 80 mm.

CSO Costruzione Strumenti Oftalmici S.r.l.via degli Stagnacci 12E - 50018 Scandicci Firenze - ITALIA

Tel +39 055 722.191 - Fax +39 055 721.557 Email csophthalmic.com