LS-5C

Digital Slit Lamp Microscope

Multifunctional CCD Image Collector

Super deep depth of field

The collector has an high depth of field effect, which ensures one image can capture more tissue lesions. Supplemented by front diaphragm controller, enjoy more depth of field effects.

◆ PWM ight control

Using PWM pulse modulation to control the brightness of the light source
Regardless of the brightness, always ensure the stability of the light source color

◆ Professional management software

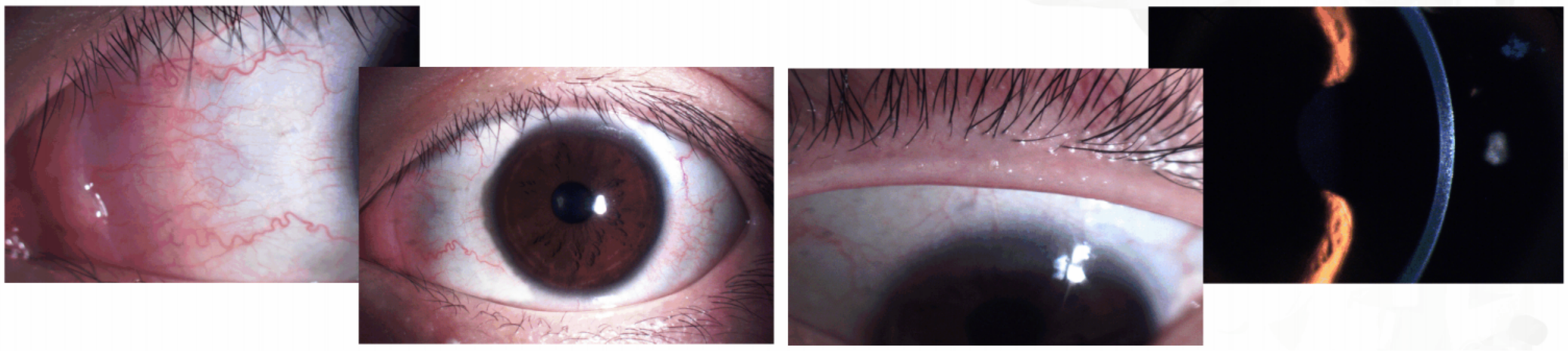
rich picture post-processing function meet the clinical requirements、
intuitive support for one click export, data transfer is more convenient.

◆ Coaxial background light

Soft coaxial background light satisfies the operator before photography
Panoramic observer

Clarity and more comfortable

Using the upgraded optical design, the optical effect is better, the optical effect is more than 15% higher than the traditional design, and the cell-level lesions can also be captured.



Stepless Dimming

Base with stepless dimming
which can fine adjust the brightness,
more comfortable for the client;
can control the brightness with one hand,
more convenient operation.

Comfortable light source

LED light source,
no need to replace the bulb for 10 years,
using warm yellow light source,
the lesions are not whitened,
more comfortable examination.

Protect eyes

Infrared/ultraviolet filters are specially designed in the slit lamp lighting,which can protect the eyes of the doctor and patient at all times in daily use.

The main parameters

Optical design type: Galileo type
Magnification Changer: Revolving Drum
Eyepiece: 12.5X
Magnification: 6X, 10X, 16X, 25X, 40X
Diopter compensation range: ±7D
Interpupillary distance range: 52mm~85mm
Visual diameter：6x(φ33)； 10x(φ22)； 16x(φ14) ；
25x(φ8.5) ；40x(φ5.5)mm
Slit width: 0mm~14mm
Slit height: 1mm~14mm
Slit angle: horizontal rotation 0°~180°
Slit Tilting Angle: 5°, 10°, 15°, 20°
Spot diameter: φ0.2, φ1, φ3, φ5, φ10, φ14(mm)
Color filters: heat absorption grey filter, red free, cobalt blue
Light source: Warm color LED bulb

Light control mode: stepless dimming on the base
Digital indication mode: cross-type dividing panel
Digital collector: built-in professional level medical collector with 20 million pixels
Background light: Coaxial background light
Software system: embedded adaptive software
1.embedded software
2.Image acquisition
3. Automatic recognition of OD&OS
4. Image processing
5. Image marking
6. Image comparison
7. Print the report
8. Export the image