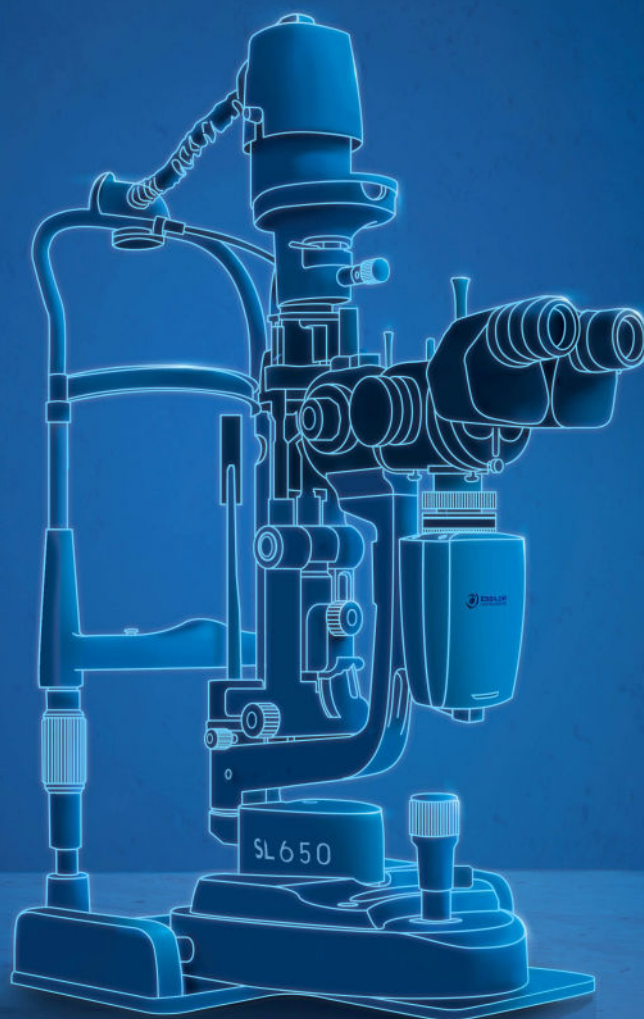


SUPERIOR IMAGE QUALITY. SIMPLY CAPTURED.
OUTSTANDING PATIENT MANAGEMENT



SL 650 / SL 650⁺

DIGITAL SLIT LAMPS



ESSILOR
INSTRUMENTS

SL 650 / SL 650⁺

Enhance the eye exams and patient management with the SL650 digital slit lamp by easily taking high-resolution images and videos to facilitate diagnosis and monitoring over time. Thanks to its smart design and powerful software, you can now analyze and compare multiple images of the anterior and posterior chamber, monitor the glandular function, and examine the patient's meibomian glands. A complete and hassle-free eye assessment that you can also share with your patients. Upgrade to the SL650+ for complete dry eye diagnostic capabilities.

BETTER IMAGE QUALITY. FACILITATED DIAGNOSIS

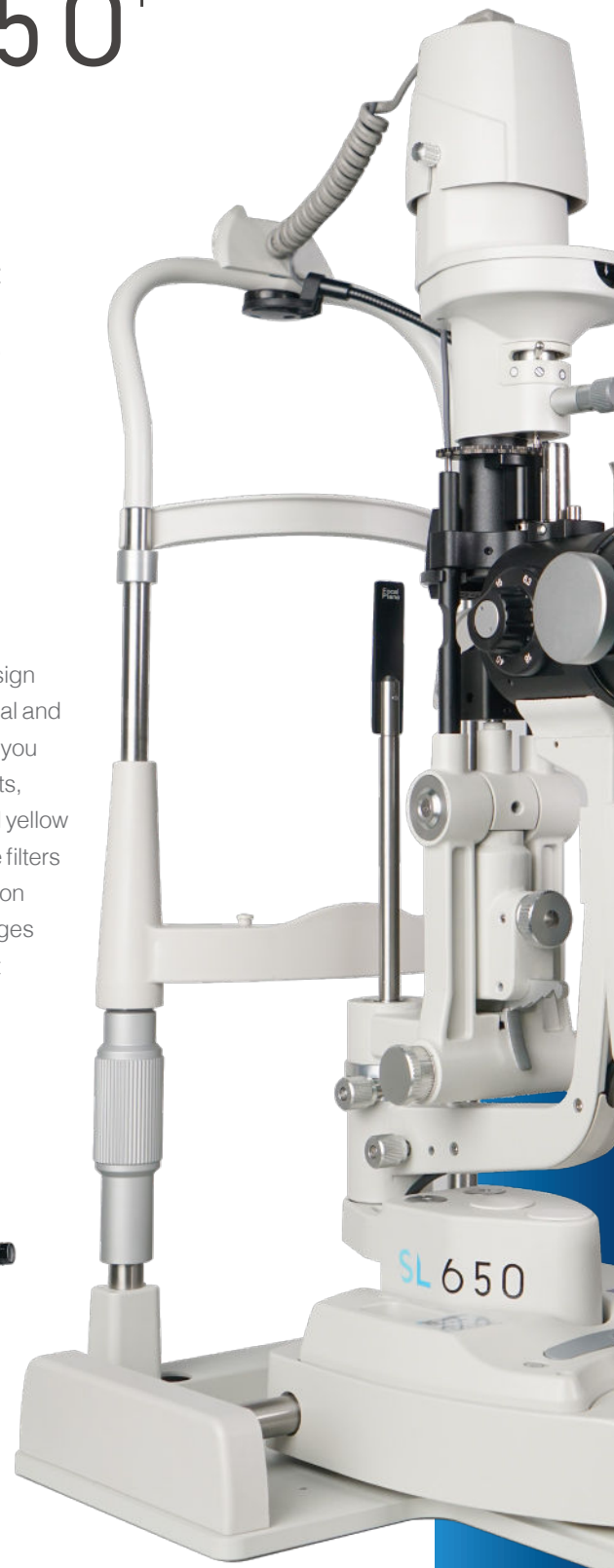
The HD digital optical system maximizes the accuracy and precision of your eye assessment, capturing high-quality images and videos that help build patient trust.

PATIENT MANAGEMENT. OPTIMIZED

The Anaeyes SL software allows an easy creation and edit of patients data by capturing images and videos for recording evolution over time. This makes it simple to share results with patients.

ERGONOMIC AND SMART

Its compact design makes it practical and comfortable for you and your patients, while integrated yellow and cobalt-blue filters for high-resolution fluorescein images simplify contact lens fittings.



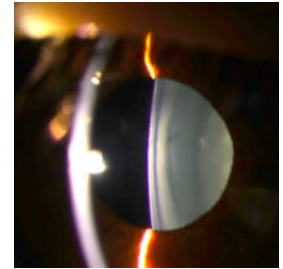


1 IMPROVED IMAGE QUALITY AND FACILITATED DIAGNOSIS

- Maximize accuracy and comfort with high-quality optics
- HD digital system records all details in high-resolution images and videos for precise and detailed assessments
- Integrated yellow and blue-cobalt filters provide high-contrast fluorescein images for easy and accurate contact lens fittings

2 DIGITALLY-OPTIMIZED PATIENT MANAGEMENT

- Integrated Anaeyes software and DICOM support mean easy patient management, from the creation of patient data to monitor progress over time
- Easily record and share high-quality images with patients
- Clear results help educate patients and build trust



3 SIMPLIFIED ERGONOMICS, ENHANCED ANALYSIS

- Automatic functions, easy installation, and built-in power supply
- An advanced integrated infrared system to assess meibography
- Measure pathology, edit image settings, compare multiple pictures, and monitor patients

4 UPGRADE EASILY TO THE SL650+ FOR A COMPLETE DRY EYE REPORT

- Five comprehensive and non-invasive tests for a complete dry eye assessment, including: meibography, NIBUT (non-invasive break-up time), eye redness analysis, tear meniscus height, and lipid layer thickness
- Advanced software and AI-powered identification system conduct accurate analysis of imaging
- Generate and share a complete dry eye report with patients



SPECIFICATIONS

DRY EYE MODULE

AI Non-Invasive Tear Break-Up Time

AI identify the break-up area
Automatic first break-up time
Automatic average break-up time
Visible light Placido ring projection (23 ring)

AI Meibomian Glands Function

Evaluation
AI identify Meibomian glands
Automatic Meibomian glands loss classification

Eyelid Margin

Optical magnification
Electronic amplification

AI Non-Invasive Tear Meniscus Height

AI identification system
Automatic non-invasive tear meniscus height
Optical magnification
Electronic amplification

Lipid Layer Thickness

Template comparison evaluation
Visible light white ring projection system

Dye Eye Examination Report

Automatic analysis report

AI Conjunctive Hyperemia Analysis

AI identification system
Automatic conjunctival congestion percentages
Automatic ciliary congestion percentages

Cornea Sodium Fluorescein Staining

Eye surface damage report
Built-in yellow filter
Cobalt-blue filter

MICROSCOPE

Microscope type	Galilean type
Magnification change	Revolving drum 5 steps
Total magnification	6.3x, 10x, 16x, 25x, 40x
Optical resolution	2700 N lp/mm (200 lp/mm)
Eyepieces	12.5x
Angle between eyepieces	10°
Pupillary adjustment	52mm - 80mm
Diopter adjustment	-8D to +8D
Field of view	36.2 mm, 22.3 mm, 14 mm, 8.9 mm, 5.7 mm

POWER SUPPLY

Input voltage	100V-240V
Input frequency	50Hz/60Hz
Rated current	1.2A
Output voltage	LED 3V, Fixation 15V

PACKAGING

Dimension	29 in x 18 in x 21 in (L/W/H)
Gross weight	51 lbs
Net weight	37 lbs

SYSTEM SPECIFICATIONS

Digital module	Automatic exposure / automatic balance / adjustable depth of field and aperture
Image sensor	1/1.8-inch sensor/ 2.4µm pixel/ 5.0M pixels
Photo resolution	2592 x 1944
Format	jpeg
Video resolution	2592 x 1944
Frame of video	25fps
Video formats	MP4 H.264
Exposure mode	Automatic exposure
Transmission interface	USB

COMPUTER SPECIFICATIONS

PC configuration	i5-10500T 8G memory 250GB SSD+1TB storage
Display	1920x1080 23.8 in
PC system	Windows 10

SLIT ILLUMINATION

Slit width	0 - 14 mm continuous (slit becomes a circle at 14 mm)
Slit length	1 - 14 mm continuous
Aperture diameters	14 mm, 10 mm, 5 mm, 3 mm, 2 mm, 1 mm, 0.2 mm
Slit angle	0° - 180°
Slit inclination	5°, 10°, 15°, 20°
Filters	Heat-absorbing filter, ND filter, red-free filter, cobalt-blue filter, built-in yellow filter
Lamp	LED
Luminance	≥150klx

As improvements are made, these specifications and pictures are not contractually-binding and may be changed without prior notice.

