

ELIO

LED LIGHT WITH INTEGRATED
HIGH RESOLUTION AUTOFOCUS CAMERA

WHO SEES GOOD WORKS BETTER

ELIO is a revolutionary concept in terms of operating light. This set combines a very ergonomic LED high quality lighting with a camera featuring an exceptional definition. Designed and configured for dental purpose, the camera unfolds on an entirely autonomous way. The alignment of the camera being at the center of the light field, no manipulation is required to operate the camera. Settings adjust automatically to reach an image quality exceeding your expectations. With 60x magnification for the HD60 or even more than 60x for the microscope version you can enjoy the clarity of a tooth in full screen while remaining between 50 to 70cm from the patient's mouth. You are able to record your intervention or communicate with your patients taking advantage of the best images technology.

Very compact, a modern design with rounded lines, ELIO fits easily in place of your existing lighting. The head movement on three axes allows you to adopt all working positions. To meet the most stringent medical standards ELIO is fully waterproof, silent and without heat. The light is UV free and a LED obturator is inserted on optics to protect the patient's eyesight.

Equipped with particularly high performance LED, and original optical, ELIO lighting competes with the most efficient lighting in surgery rooms while limiting the light in the intervention area. With only two LEDs, it offers more than 55,000 LUX thus meeting the requirements of a specific job. Its natural white light suitable with dental practice ensures a good color perception and reduces eyestrain.

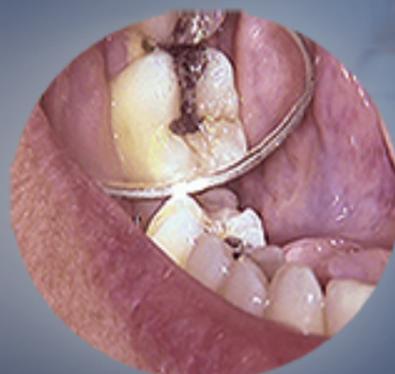


A wireless remote or foot control provides additional features such as ZOOM + / -, freezing, image inversion and light control.

A multitude of applications... obviously yours !.



Communication



Diagnostic



Indirect labor



Alternative microscope



Visibility for the assistant

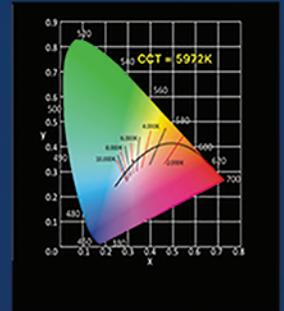


Training

Characteristics :

LIGHT

White natural day light : 6500°K \pm 5%
Good reproduction of colors RCI: 90%
Adjustable light Intensity until 52.000 Luxes
No shadows carried
Completely tight and waterproof for an optimal asepsis
Absence of UV radiation and no extra heat contribution
Without fan and noiseless
Source : 2LED x 6W, Consumption 12W
Life expectancy of 50.000 heures
Energy supply 110-220V, autonomous stabilized converter



CAMERA

ELIO HDM *Microscope*

ELIO HD 60 *Omnipractice*

Automatic autofocus
Zoom 60x
Considerable depth of field
System: NTSC / PAL
Number of pixels: ELIO HD 1080x1920, ELIO SD
Horizontal field of vision: from 48 ° to 2,8 °
Low need of illumination 0,7 luxes
Whites balance: automatic, indoor, outdoor
Video outputs: ELIO HD YPbPr or HDMI
Power waste: 6 - 12V DC, 3.3W

ELIO HD 60



Additional Specific Lens
Shorter working distance
Specific Programming



The SET

Dimensions of the head: 272x80x146mm (except handles)
Scale of the arm: 1470mm
Weight of the head: 1,75 kg
Weight with the arm: 6,90 kg
Diameter of axis: 35mm
Movement on three axes
Color of painting RAL 9016
Foldaway handles
The all set is delivered with the arm
A year warranty 1 Year



Ceiling installation



Unit installation



Mobile installation