HEINE OMEGA 600 LED HQ INDIRECT OPHTHALMOSCOPE - C-008.33.610



Product Code	31755
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	Yes

RDM (NSIS)	2750165
CND	Z12120114
EAN/UPC	4053755198559
UMDNS	12-818
GMDN	46790

Description

HEINE OMEGA 600 LED INDIRECT OPHTHALMOSCOPE - C-008.33.610

Omega 600 is a binocular lightweight high-end indirect ophthalmoscope which provides best optics, sharpest image and reliable colours. Possibility to explore the whole retina, including the far periphery, and to have better diagnostic due to unique visionBOOST function. VisionBOOST allows to safely increase illumination of the device above the regular light intensity, providing up to 20% more details of the observed area, especially in patients with ocular media opacities like cataracts. Features:
- sharpest fundus image due to superior glass optics
- brightest fundus image with true colour rendering thanks to unique LEDHQ
- best 3D imaging due to unique Stereoscopic Adjustment Technology in dilated and undilated pupils, even with premature and newborns
- ergonomic positioning of controls and levers
- adaptable for right and left users
- flip-up function for more convenient patient interactions
- robust design made of high quality materials
- compact lithium battery
- electronics integrated in the headband
- best wearing comfort
- latex free.

Supplied with battery, +2D eyepiece, E4-USBC power supply with cable, eyepiece 0D and multilingual manual: GB, FR, IT, ES, PT, DE, NL, SE, DK, NO, FI.

Made in Germany.

Durable faux leather padding: Comfortable and easy to disinfect.

Practical, cable-free headband: maintenance-free and easy to disinfect thanks to smooth surface.

Ultralight lithium polymer battery operating time of up to 8 hours depending on illumination intensity.

Yellow, blue or red-free filter to adjust to diagnostic needs.

Best possible 3D imaging for any pupil size and peripheral views thanks to the Stereoscopic Adjustment Technology.

Intuitive locking of the optics unit simply adjust height, distance and angle.

Up to 20 % better view in media opacities with visionboost. From 3 to 100 %, or even up to 245 % for cataract examinations.

Aperture selection lever: HEINE diffusor, small, medium and large spot.

High durability due to the sealed optics unit.

Better view due to non- reflective front glass optimized for our unique, maintenance-free LedHd.

Technical Specifications

Material: plastic, metal, glass, synthetic leather
Optical system: aspherical illumination distance
Illuminance: 560 lux at 400 mm distance / 1380 lux at 400 mm distance with Boost mode
Colour temperature: 3000 K
Colour rendering index (CRI): min. 90
LED average life: > 60,000 hours
Working distance: 400 mm
Illuminated field:
- large spot: 400 mm distance Ø 62.5 ± 2.5 mm
- medium spot: 400 mm distance Ø 33 ± 2 mm
- small spot: 400 mm distance Ø 16.5 ± 1.5 mm
Field of view: 16D lens: 43°, 20D lens: 53°, 30D lens: 63°
Brightness control: continuous between 3 and 100% (boost: 100 to 245%)
Vertical adjustment: between -4° and +7°
Battery: internal Lithium polymer battery
Average working time: up to 8 hours
Charging time: 1. 5 hours
Input: USB 2.0 Type C, 5 V, 1.2 A
Power consumption: 6 W
Size - weight: 320x300x200 mm - 475 g
Packaging size: 255x190x410 mm
Norms: 93/42/EEC, EU 2017/745 - Class I