HEINE BETA X OPHTHALMOSCOPE - C-130.28.330



Product Code	31643
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

EAN/UPC	4053755203031

Description

HEINE BETA X OPHTHALMOSCOPE - C-130.28.330

HEINE BETA X ophthalmoscope is the most advanced direct ophthalmoscope with a durable, lightweight and ergonomic design.
It features the elaborated AOS+ (Aspherical Optical System) optical system and LEDHQ. AOS+ provides crisp and clear views of the fundus, reducing reflections in the cornea and iris that can interfere with examinations, by separating the illumination and observation paths and incorporating the new crescent-shaped illumination.

The LEDHQ illumination provides homogeneous, bright exposure with true colour rendering for high contrast and extremely detailed views.
The exclusive HEINE focusCONTROL allows practitioners to simply switch the focus between the anterior segment (cornea) and posterior segment (fundus) of the eye.
The polarisation filter can simply be swivelled in or out depending on examination requirements and purpose, 7 different apertures.

Microprocessor controlled smart illumination control wheel for large or precise fine tuning of illumination intensity.
The comprehensive functions and improved usability make it a versatile instrument suitable for a wide range of examinations and for all users, including ophthalmologists, optometrists, general practitioners, paediatricians and other healthcare professionals.

Supplied with USBC power supply, hard case and multilingual manual GB, FR, IT, ES, PT, DE, NL, DK, NO, FI, SE.

7 apertures with separate red-free and polarisation:
- cobalt blue filter
- fixation star with polar coordinates
- large spot
- small spot
- pinhole
- slit
- hemispot

Scratch-resistant window made of tempered glass

Focus adjustment in 74 single dioptre steps from -36D to +38D

Smart illumination control wheel
- for large changes in illumination intensity
- for precise fine tuning of illumination intensity

Made in Germany.

Technical Specifications

Magnification: 15x for emmetropic patient
Diopter: +38 D to -36 D
Colour temperature: 3.500 K

Color rendering index: CRI 93
Dimmability: continuous between 1 and 100%
Field of view: 9° with largest aperture
Working distance: fundus: ˜20 mm, cornea: ˜50 mm
Pupil size: min. 2 mm; opt. =4 mm
Battery: Li-ion cell (internal battery)
Operating time: 240 min with 100% brightness
Charging time: 160 min
Input: 5 V DC, 500 mA
Size - weight: 200x48x31 mm - 150 g
Packaging size: 221x63x216 mm