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Our ref. IRu

Date: 08.07.2022

PROPRIETARY CERTIFICATE FOR ZEISS OPMI LUMERA 700 SURGICAL MICROSCOPE FOR OPHTHALMIC SURGERY

Dear Sir,

We hereby certify that ZEISS OPMI LUMERA 700 Surgical Microscope for ophthalmic Surgery is only manufactured by and is the proprietary product of Carl Zeiss Meditec AG, D73447 Oberkochen, Germany.

The OPMI LUMERA 700 offers a unique combination of features and benefits which is not available with surgical microscopes manufactured by any other companies.

Stereo Coaxial Illumination (SCI) for constant brilliance and brightness – details of the patient's eye become visible. Combined with apochromatically corrected optics with high light transmission, the system provides unprecedented and thus optimal imaging quality for ophthalmic surgery and documentation with minimal patient stress.

DeepView enabling the surgeon to select an optimized depth of field mode on the microscope

Option to choose Microscope with one of the light source out of Xenon, Halogen, or LED

Supertux Eye xenon light source offering a white, high contrast and natural color impression of the surgical field and **HaMode** filter for halogen-like-light. The Superlux Eye xenon light source is equipped with a **quick change mechanism** for changing the bulb in the event of failure, while with **its**

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Commerzbank Jena Account: 258072800 (BLZ 820 400 00) IBAN: DE31 8204 0000 0258 0728 00 BIC/ SWIFT: COBADEFFXXX Commercial Register. Local Court Jena HRB 205623

VAT-ID No. DE 811 922 737 WEEE-Reg.-No. DE55298748 Chairman of the Supervisory Board: Dr. Karl Lamprecht

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automatic bulb change, the halogen light source moves the backup lamp automatically into position. If the motorized functions fail, the surgical procedures can be completed by using special buttons or via the manual mode of the system. LED fiber optic illumination : near day light color temperature, HaMode filter for halogen-like light and 25% Grey filter.

Motorized illumination components for red reflex and surrounding field of SCI, adjustable via foot control panel or handgrips.

The integrated keratoscope option enabling visualization of corneal curvature

Fully integrated 3 CCD Medilive Trio Eye video camera specially designed for the requirements of ophthalmic surgery in high definition.

Integrated HD video chain comprising of a camera monitor and video recording via USB

Integrated assistant's microscope with independent focusing and its own motorized zoom. The magnification can be performed independently of or linked to the zoom of the main surgeon (freely configurable via software). The stereopsis corresponds to that of the main surgeon's microscope and functions without light loss for the main surgeon.

Optional integrated assistant's microscope with mechanical 5-step magnification changer.

Retina protection filter activated by foot control panel or handgrips reduces the risk of phototoxic injury.

The integrated beam splitter guaranteeing a constant working height, also when additional accessories are attached, e.g. stereo co-observation tube

Large fine focusing range of 70 mm

Space for surgery-cables and optional functions such as the keratoscope, slit illuminator and USB video recording are integrated into the system.

Integration-perfect integration of RESIGHT fundus viewing system, Invertertube E and integrated video camera. The integration of these accessories and the associated partial automation of the required settings on the microscope facilitate the workflow in the OR considerably.

Wireless 14-function foot control panel with freely configurable keys (optionally with cable-available)

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Optimized workflow and maximum ease of use - thanks to the wireless foot control panel and the assistance functions of CALLISTO eye (option) such as Z ALIGN for toric IOLs, K TRACK, Incisions/LRI and microscope settings directly in the eyepiece with IDIS.

Simple to operate – reading of microscope settings or overhead display and fast focusing for switching readily between two different planes.

The integration of these accessories and the associated partial automation of the required settings on the microscope facilitate the workflow in the OR considerably.

Yours truly Carl Zeiss Meditec AG

Best regards

For Carl Zeiss Meditec AG

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