

XENOTRON® III

THE NEXT STEP OF ENDOILLUMINATION

FOR A BRIGHTER AND SAFER PARS PLANA VITRECTOMY



xenoTRON® III

Geuder®
Precision made in Germany

XENOTRON® III

HIGH-PERFORMANCE LIGHT SOURCE WITH PHOTOTOXGUARD.

XENOTRON® III offers maximum brightness and safety in combination with a compact design and easy operation. Due to its uniquely high light intensity of up to 80 lumen, the XENOTRON® III even offers perfect endoillumination when used with the smallest fiber optics. The innovative PHOTOTOXGUARD assists the surgeon in efficiently reducing phototoxicity during clinical routines.

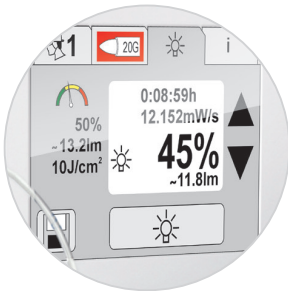


xenoTRON® III
with
phototoxGUARD

Geuder®
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HIGHLIGHTS OF XENOTRON® III

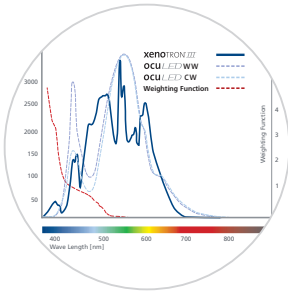
A NEW STANDARD IN ENDOILLUMINATION.



PHOTOTOXGUARD

UNIQUE SAFETY SYSTEM FOR IMPROVING CLINICAL ROUTINES

- Easy one-touch selection of fiber optics
- Continuous display of light intensity, output and remaining safe operation time depending on the selected fiber optic
- Issuance of a warning before reaching phototoxicity limits according to ISO 15004-2
- Dynamic adjustment of phototoxicity limits when settings are changed intraoperatively



UNCOMPROMISING LIGHT INTENSITY

MAXIMUM LIGHT OUTPUT FOR EXCELLENT AND DETAILED ILLUMINATION OF THE FUNDUS

- High performance Xenon system with up to 80 lumen
- Pre-configured settings for 20 through 25 gauge vitrectomy
- Intensity reserves for future PPVs with 27 gauge and greater
- Optimal color temperature and light homogeneity



INTUITIVE COLOR TOUCH-SCREEN

COMPACT DESIGN AND EASY OPERATION

- User profiles for up to six surgeons
- Easy and quick touch-screen with a flat menu structure
- Perfectly readable parameters and status information
- Self-explanatory depiction of the fiber optics and the PHOTOTOXGUARD



FLEXIBLE AND COMPACT DESIGN

MINIMAL SPACE AND FREE COMPATIBILITY

- Mobile stand-alone solution or combineable with any vitrectomy system
- With optional top rack, a perfect addition to the megaTRON® S4^{HPS}
- Large selection of fiber optics
- Innovative 25 gauge trocar chandelier system

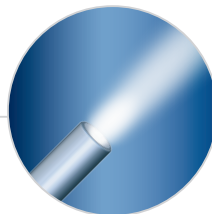
UNO COLORLINE FIBER OPTICS

PERFECT LIGHT FOR EVERY APPLICATION.



PERFECT HANDLING IN **20**, **23** AND **25** GAUGE.

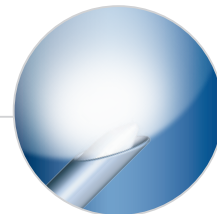
- Large selection of single-use UNO Colorline fiber optics in 20, 23 and 25 gauge
- Individual illumination due to different fiber optic geometries
- Distinguishable color-coding for easier preparation
- Ergonomic and comfortable Soft-Grip Design
- Compatible solution for all GEUDER light sources
- Sterile, single-use fiber optics



SPOT



WIDE ANGLE



WIDE ANGLE, SHIELDED



PACKAGING
UNIT

SPOT

WIDE ANGLE

WIDE ANGLE,
SHIELDED

20 GAUGE

6 pcs., sterile

G-46021

G-46022

G-46023

23 GAUGE

6 pcs., sterile

G-46321

G-46322

G-46323

25 GAUGE

6 pcs., sterile

G-46521

G-46522

G-46523

UNO COLORLINE TROCAR CHANDELIER

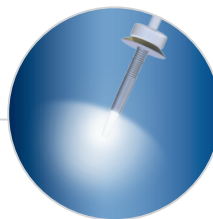
SAFE AND EFFICIENT ILLUMINATION FOR BIMANUAL PROCEDURES.



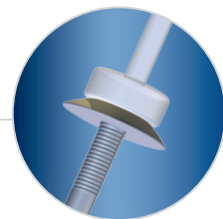
- Trocar-supported 25 gauge chandelier system for modern PPV
- Bulbus remains maneuverable due to the flat design of the port
- No time-intensive searching for incisions as with conventional chandelier systems
- Protection of transscleral incision due to minimal height and firm placement of the port in the sclera
- Unhindered view and excellent illumination all the way through to the periphery
- The fixed stopper of the chandelier fiber optic prevents an unintentional slipping of the optical fiber and thereby offers highest safety for macula and retina



FLATTENED
PORT DESIGN



PERFECT AND SAFE
ILLUMINATION



FIXED STOPPER FOR
PATIENT SAFETY



THE COMPONENTS OF THE UNO COLORLINE TROCAR CHANDELIER SET (G-46530):

- 25 Gauge UNO Colorline Trocar
- 25 Gauge UNO Colorline Flat-Headed Port
- 25 Gauge Chandelier Fiber Optic
- 6 pcs. per box, sterile

TECHNICAL DATA

GENERAL INFORMATION

26 x 11 x 29 cm (L x W x H)

Weight 6.5 kg

POWER SUPPLY

Voltage 100 – 240 V

Frequency 50/ 60 Hz

CURRENT CONSUMPTION

115 VAC – 1.8 AMP & 230 VAC

POWER INPUT

200 VA

PROTECTIVE FILTER

435 nm Edge Filter

ILLUMINATION

- 100 Watt Xenon Lamp
- Integrated Ellipsoid Reflector
- Up to 5800K (daylight spectrum)
- IR3 Heat Protection Filter
- Color Temperature with Protective Filter
„UV-Blocking Filter“
- Up to 4200K AM Light Emission
- 500 Hours of Operating Life (on average)

CE MARK

CE, Council Directive 93/42/EEC

Class I

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