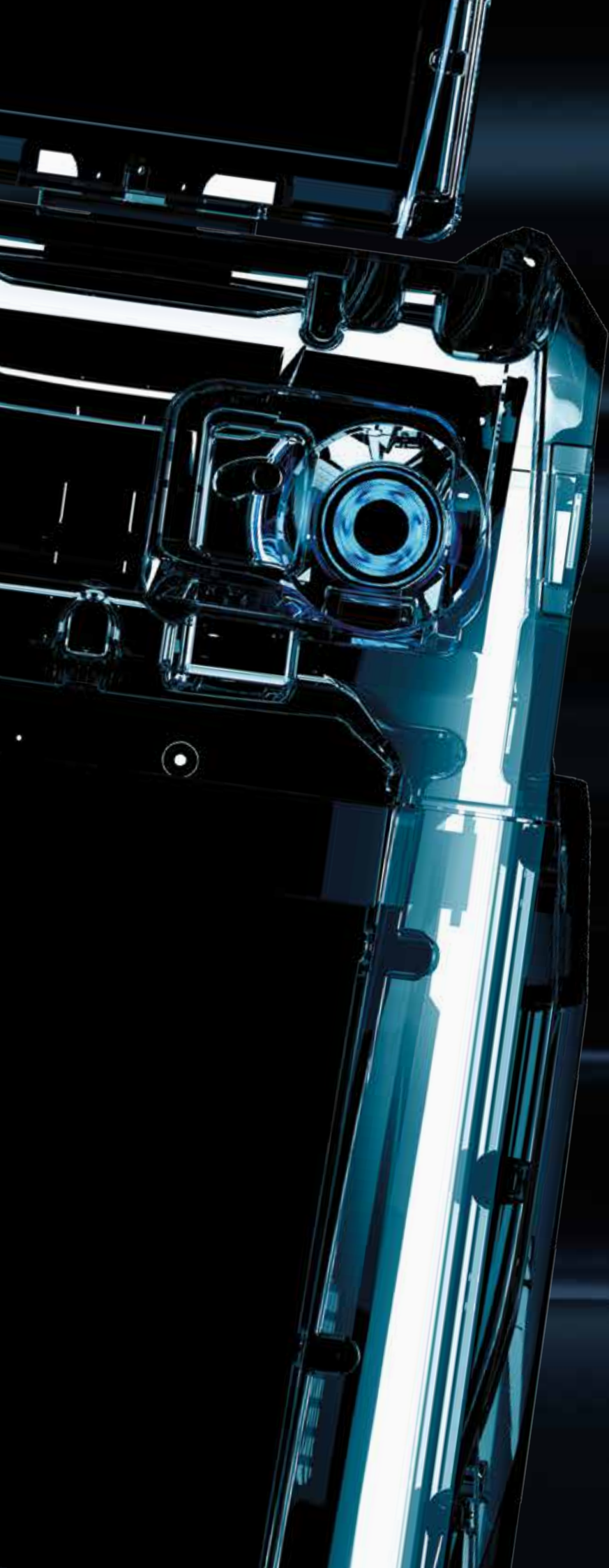
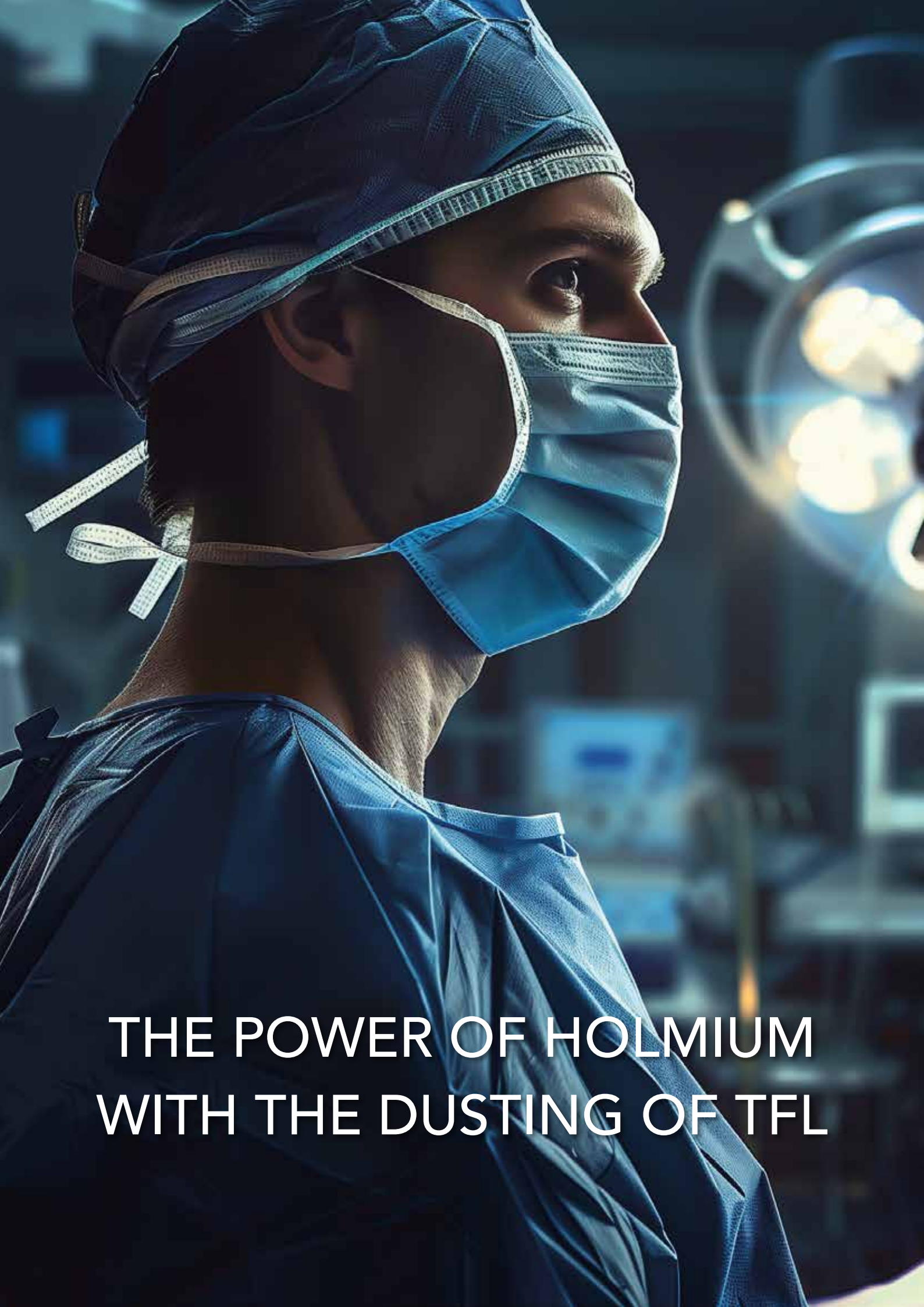


A detailed close-up of a laser cutting head, showing the intricate mechanical components and the bright blue laser light emanating from the cutting nozzle. The head is positioned vertically, and the background is dark, emphasizing the precision and technology of the equipment.

Quanta System

Cyber Ho Magneto *Family*

HOLMIUM LASER



THE POWER OF HOLMIUM
WITH THE DUSTING OF TFL



Cyber Ho with **Quanta Magneto Technology** is the latest breakthrough in urology, which combines **the power of Holmium with the great dusting capability of the TFL** in a "all-in-one" laser system, offering outstanding efficiency and flexibility, enabling surgeons to safely meet their daily challenges.



EXPERIENCE-DRIVEN INNOVATION

Address the contemporary challenges of urological surgery with the cutting-edge Quanta Magneto Technology



MAGNETO FOR LITHOTRIPSY

Advanced technology for superior stone management



ALL-IN-ONE DEVICE

Holmium-powered versatility for multiple applications



LARGE RANGE OF FIBERS LARGE COMPATIBILITY

Compatible with both disposable and reusable fibers

Experience-Driven Innovation

Quanta System stands out in the field of urological surgery with a diverse laser portfolio that includes advanced technologies such as Holmium lasers (low and high power up to 150W), Thulium YAG lasers (up to 200W), Diode lasers, and the Thulium Fiber Laser (TFL). **With over 35 years of experience in laser device design and manufacturing**, Quanta is dedicated to pushing boundaries and meeting the evolving demands of medical professionals.

INNOVATION IS OUR GOAL

Positioned as an extension within the Cyber Ho family, Quanta Magneto Technology represents a significant technological advancement. Unlike traditional Holmium lasers, Magneto tames the peak power, turning it into a much longer pulse duration, **providing features comparable to TFL**.

HIGHEST VERSATILITY

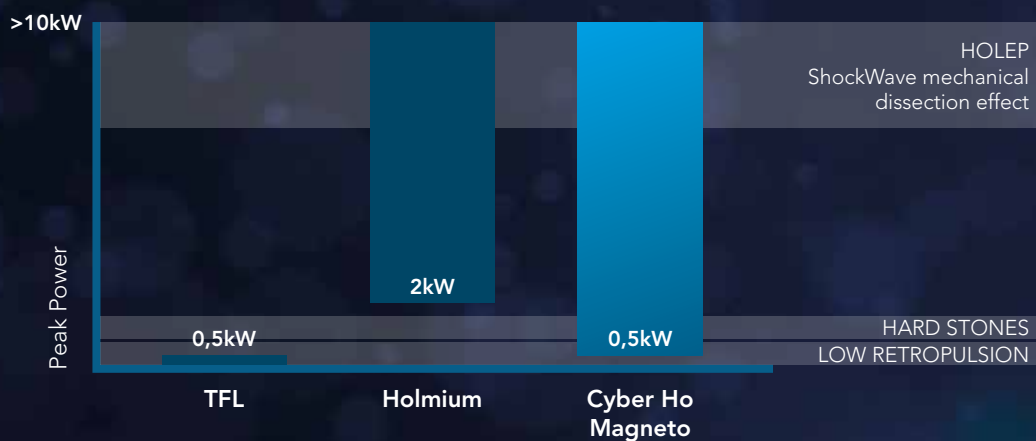
This advanced system empowers surgeons to select the **laser technology that best suits their unique surgical style**, offering enhanced versatility and customization for urological procedures. Now they can achieve **superior performance** in urological treatments and in procedures like lithotripsy, on retropulsion, efficient dusting and hemostatic effects.

SCAN QR-CODE TO WATCH QUANTA
MAGNETO TECHNOLOGY IN ACTION



Magneto for Lithotripsy

Quanta Magneto Technology revolutionizes laser lithotripsy by achieving lower peak power levels. **Stone retropulsion is reduced by 50% and more than 100% compared to TFL and Standard Holmium systems***, enabling more efficient treatment that benefits both patients and healthcare providers. Furthermore, Magneto emission mode reduces fragments size, making extraction easier and minimizing the need for additional tools such as retrieval baskets.

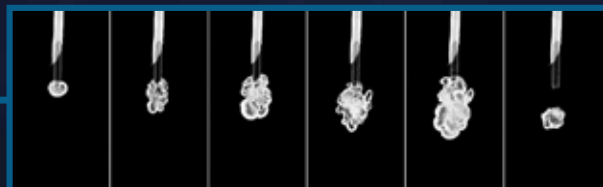


Moreover, Cyber Ho Magneto maintains the consolidated holmium high peak power feature for application like popcorning, fragmentation of large or hard stones, PCNL procedures and HoLEP. This capability makes Magneto the most versatile Quanta laser ever.

*Data available in Internal Report "MAR20240505- Cyber Ho Magneto: Retropulsion evaluation"



The direct connection
between fiber tip
and stone enhances
energy delivery



Bubble dynamics
frames in Quanta
Magneto Technology
mode



All-in-one Device

The Cyber Ho with **Quanta Magneto Technology** represents a pinnacle in laser system world, combining the hallmark features of Holmium lasers with the revolutionary Magneto Technology.

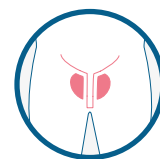
This all-in-one device is tailored to meet the diverse needs of modern urology. It combines **the well-known power of Holmium** laser for the best fragmentation capabilities, together **with the finest dusting** previously achievable only **with TFL lasers**. Its full featured system ensures that surgeons can perform a wide array of endourological procedures without needing multiple systems or technologies.

Surgeons can optimize parameters based on the specific requirements of each procedure, thereby enhancing surgical precision and patient outcomes. This adaptability not only streamlines operational efficiency but also underscores Quanta's commitment to **innovation-driven solutions in the field of medical technology**.



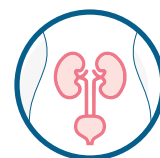
LITHOTRIPSY

Thanks to the Quanta Magneto Technology **stones treatments have never been so complete**. Choose between dusting and fragmentation with the maximum efficiency from both the techniques.



BPH MANAGEMENT

Efficient treatment with **precise tissue removal and minimal bleeding**, improving patient recovery and outcomes.



OTHER SOFT TISSUES

Holmium technology allows **precise and smooth ablation**, resection and incision in Soft Tissues.

Large Range of Fibers

Large Compatibility

Cyber Ho with **Quanta Magneto Technology** can be used with a large range of fibers (**200, 272, 365, 550, 800 and 1000 μm**), depending on the application and settings required. This mode does not require dedicated or more expensive fibers, so it offers the above benefits at no extra cost. All fibers are available both as **disposable** and **reusable** (except ball tip) and **they are compatible with other Quanta System devices**.



STANDARD FIBERS

(Single Use and Reusable)
For general use in stone Lithotripsy
and Soft Tissue treatments



BALL TIP FIBERS

Strongly simplify the insertion in
already bent scopes



200 μm FIBER

This thinner fiber grants even
greater flexibility and irrigation



GASTRO FIBERS

Specifically designed for the
fragmentation of gallstones



CLEANING

Reusable fibers can be sterilized with
the standard steam sterilization



SURGICAL TRAY

A dedicated tray for sterilization of
fibers and tools

Technical Specifications

	Magneto 100W	Magneto 150W
Wavelength	2100 nm	
Average power	100 W	150 W
Repetition rate	3 - 80 Hz	5 - 100 Hz
Energy per pulse	5 J	
Pulse duration	50-2000 μ s	
Beam delivery	Optical fiber	
Aiming beam	532 nm	
Fiber recognition	RFID system	
Activation	Double footswitch	
Electrical requirements	230 Vac; 50/60Hz; 6.2 kVA 208 Vac; 50/60Hz; 6.2 kVA	220-230 Vac; 50/60Hz; 7.36 kVA 208 Vac; 50/60 Hz; 7.36 kVA
Cooling	Internal chiller	
Operating temperature	10°C - 30°C	
Laser class	Class 4	
Dimensions	64 cm (W) x 120 cm (D) x 123 cm (H) (monitor closed)	
Weight	230 kg	260 kg



SCAN ME FOR ALL
QUANTA REFERENCES LIST

*This brochure is not intended for the U.S. market.
Certain Intended Uses/Configurations/Models/Accessories are not cleared for U.S.*

DANGER - VISIBLE AND INVISIBLE LASER RADIATION

Avoid eye or skin exposure to direct or scattered radiation | Laser product: Class 4 | Aiming beam: Class 3R

Note: National local authorities may put restrictions to the parameters indicated in the table above, or may limit or remove certain intended uses. Specifications are subject to change without notice.



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