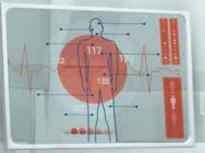


Taking care of people, our masterpieces



Cyber Ho 60

Holmium Laser System







Louises







Cyber Ho 60

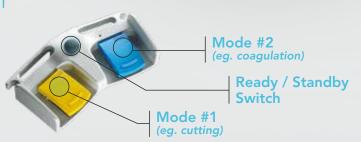
THE REVOLUTION IN LITHOTRIPSY

Cyber Ho Holmium laser (2.1 µm) meets the increasing demand of efficacy, flexibility and cost-effectiveness with a unique multi-application laser platform able to perform both Lithotripsy and HoLEP. Cyber Ho brings outstanding innovation by offering the exclusive Vapor Tunnel[™] and MasterPULSE[™] technology for advanced retropulsion control, along with impressive energy and frequency (up to 60 Hz) settings.





DOUBLE FOOTSWITCH



The double footswitch enables **immediate** switch from one emission mode to another, with **complete customization** of pedal-mode association. No bothersome interruptions are needed for settings readjustment.

Fragmentation





THE HIGHEST PULSE ENERGY 5 J allows the best pulse energy in its class



TREAT ALSO THE HARDEST STONES Greater pulse energy allows to break harder stones



COLLECTION BASKET NEEDED Retrieve stone pieces upon fragmentation

Dusting Effect



HIGH FREQUENCY

LIMITED RETROPULSION Easy ablation with no need to fetch the stone



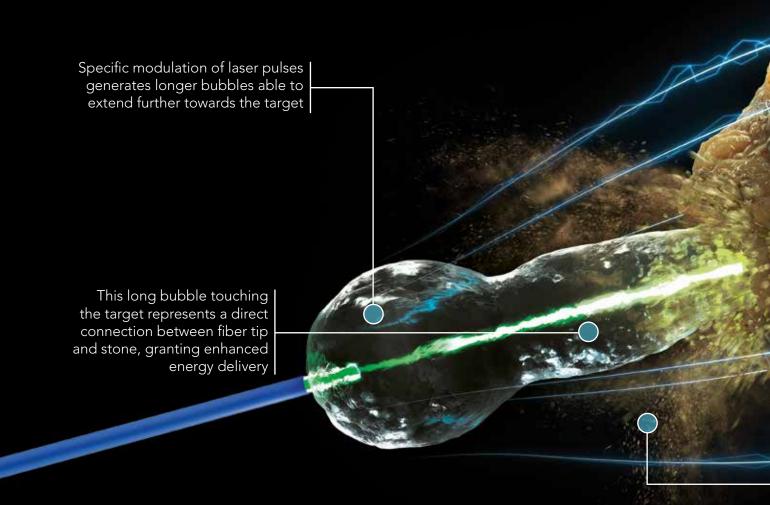
NO NEED FOR BASKET The obtained fine dust obviates the retrieval phase







LONG PULSE WIDTH Up to 1100 µs, for smooth Long Pulse Dusting





MAGNETIC EFFECT

The Vapor Tunnel effect allows stone ablation while holding the target in place, without inducing stone retropulsion



EASIER TREATMENT

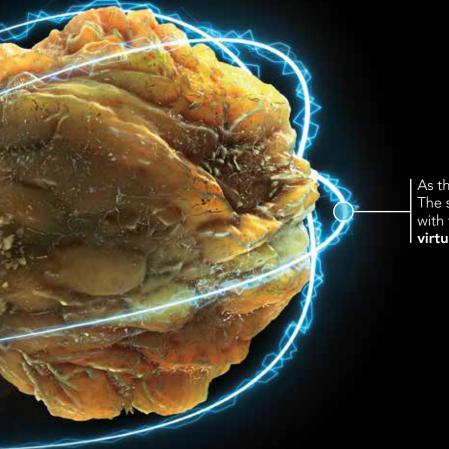
With a more stable target, lithotripsy treatment can proceed easily with fewer hassles



TIME SAVING

Less stone retropulsion prevents the time-consuming fiber repositioning, whereas enhanced energy transmission increases the ablation rate

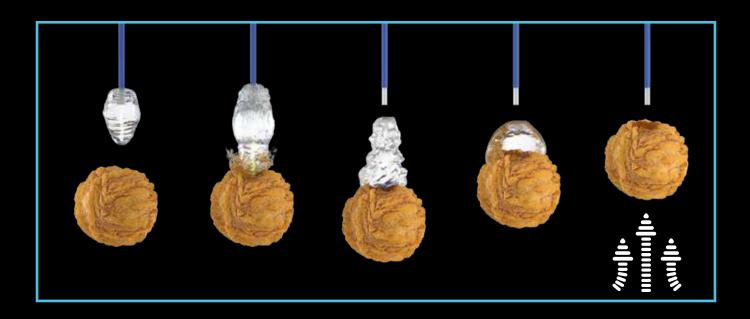
Vapor Tunnel[™]



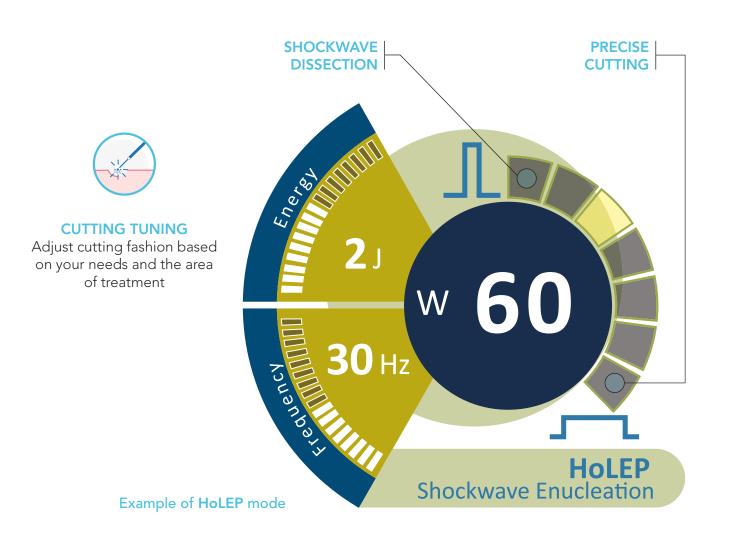
As the pulse ends, the bubble collapses. The stone is dragged backwards together with the collapsing bubble (acting as a **virtual stone basket**)

Effective and fast ablation results from the enchanced transmission of pulse energy

How the Virtual Basket works



MasterPULSE[™]



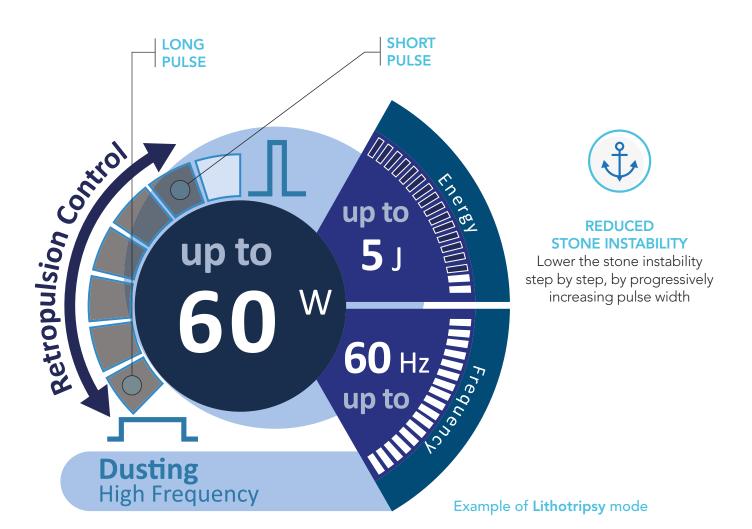


Reducing retropulsion and modifying the tissue cutting get easier: instead of trying multiple different settings, start with your preferred ones and then adjust the MasterPULSE[™] to tune the effect of laser emission based on your visual feedback. Regulation of pulse width has never been so easy!



EASE OF TREATMENT

Experience a more intuitive and different way to adjust laser settings, simply based on your visual feedback





CUTTING DOWN TREATMENT TIME Obtain the desired effect quickly, without

getting mad with the standard adjustment of energy and frequency parameters

GREATER FLEXIBILITY

7 levels of pulse width offer a greater flexibility with respect to the traditional 3 levels offered by the other holmium devices



The large amount of literature demonstrates the efficacy and safety advantages of HoLEP (Holmium Laser Enucleation of the Prostate) with respect to traditional treatments available for BPH. Recent studies and trials have validated the excellent outcomes achieved by this technique, with its success being reproduced in a diverse array of patients.

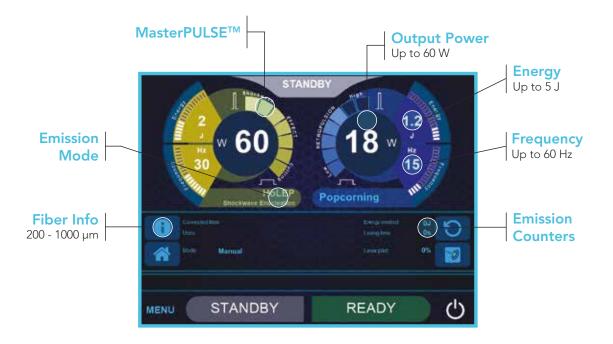
Clinical evidences proved a 50 - 60 W Holmium output to work perfectly for an effective and gentle enucleation. HoLEP with Cyber Ho provides excellent results in terms of long-term effectiveness, safety, hemostasis and fast recovery.



Starting 5 o'clock incision in HoLEP



User-friendly Software





Fibers Cyber Ho device can be operated with a large range of fibers, depending on the application, flexibility and settings required. JACKET Helps in recognizing fiber position and improves probe stiffness **CLADDING** Mantains radiation energy within the core **FIBER CORE** Delivers full energy to the target



For general use in stone and soft tissue treatments



BALL TIP FIBERS

Strongly simplify the insertion in already bent scopes



Designed to deliver great power even with small fibers





Specifically designed for the fragmentation of gallstones





200, 272, 365, 550, 800 and 1000 μm



REUSABILITY

All fibers are available both as disposable and reusable (except ball tip model)



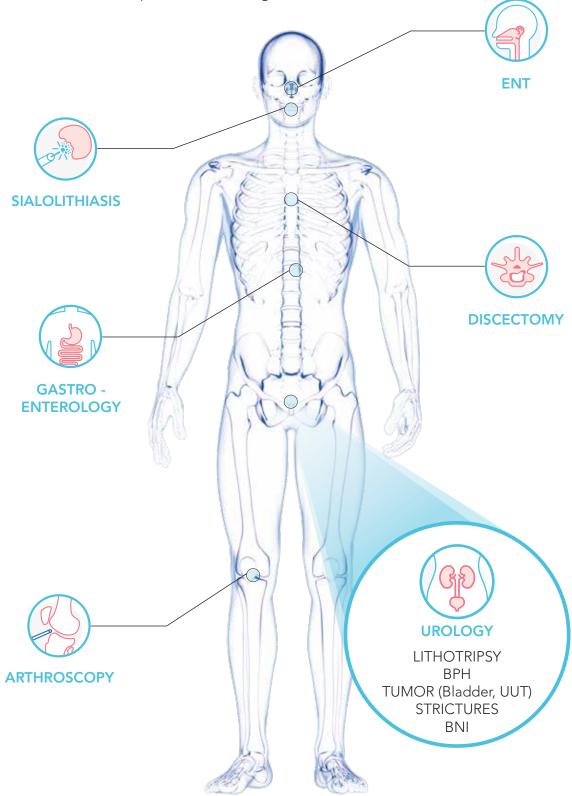
Reusable fibers can be sterilized by Sterrad[®] and steam sterilization



A dedicated tray for sterilization of fibers and tools



Cyber Ho 60 can be used to perform incision, excision, resection, ablation, vaporization, coagulation and hemostasis of soft tissue and in lithotripsy of stones in various medical specialties, including:



Technical Specifications

Wavelength	2,1 µm
Average power	Up to 60 W
Repetition rate	Up to 60 Hz
Energy per pulse	Up to 5 J
Pulse duration	50 ÷ 1100 μs
Beam delivery	Wide range of flexible silica fibers
Aiming beam	532 nm (adjustable <5 mW) - Class 3R
Fiber recognition	RFID System
Activation	Double footswitch
Electrical requirements	200-230 Vac; 50/60 Hz; <30A, single phase
Cooling	Internal chiller
Operating temperature	10°C ÷ 30°C
Laser class	4 (IEC/EN 60825-1:2014)
Dimensions and weigth	52 cm (W) x 120 cm (D) x 123 cm (H) (monitor closed) - 200 kg

VISIBLE AND INVISIBLE LASER RADIATION Avoid eye 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 above table, or may limit or remove certain intended uses. Specifications are subject to change without notice.

Quanta System products are manufactured according to the International standards and have been cleared by the most important International notified bodies.

The Company is UNI EN ISO 9001:2015 and EN ISO 13485:2016 certified. Quanta System S.p.A. was founded in 1985 and belongs to the EI. En. Group (a public company listed in the Star segment of the Italian Stock Exchange) since January 2004.

The company, divided into three business units (medical, scientific and industrial) is specialized in manufacturing of laser and optoelectronic devices.

