

THE **ELITE** STONE TREATMENT

HIGH FREQUENCY **HOLMIUM LASER** WITH **EXCALIBUR** RECESSED FIBER

The Quanta System Litho 100 Holmium laser emits at a wavelength of 2100nm at frequencies up to 80Hz which is critical for effective stone dusting.

MasterPULSE

This is an intuitive feature that assists in modifying tissue cutting. Instead of trying multiple settings, it starts with preferred settings then provides 7 levels of pulse width to finely tune the effect of laser emission based on visual feedback.

Vapor Tunnel

Vapor Tunnel consists of a single long pulse which limits retropulsion and improves fine stone ablation (dusting).

It is designed to optimize energy delivery from minimum peak power within the selected output settings.

The long pulse is optimal for fine dusting and especially good for renal stones that are difficult to access.

Vapor Tunnel is also effective in the ureter.

Virtual Basket

Virtual Basket is a double pulse modulation (similar to MOSES 2.0) that limits stone movement, while providing fine lithotripsy.

In Virtual Basket mode, the first pulse is used to generate the vapor bubble and the second pulse travels through the bubble to ablate the target.

Virtual Basket works well in all areas: renal, ureter, PCNL etc. and is especially good for HoLEP with improved cutting and hemostasis.

- MasterPULSE fine tuning
- Vapor Tunnel and Virtual Basket modes
- Dusting Modes:
 - High Hertz
 - Pulse Width
- Dual footswitch
- Green aiming beam



EXCALIBUR[®]

H O L M I U M L A S E R F I B E R

The Excalibur holmium laser fiber with Safety Sheath, provides a recess from the fiber tip to the stone. The advantages of the Safety Sheath are:

- Reduces retropulsion: Recessed fiber tip maintains a distance to the stone to optimize Vapor Tunnel effect
- Scope-friendly:
 - Fiber tip will not touch the scope's working channel, reducing scope damage
 - Passes easily through a flexed scope multiple times, eliminating the need to back out the scope for fiber insertion
- Durable: Eliminates fiber tip degradation and potential for total failure
- Ease Of Use: Provides the ability to safely touch and manipulate the stone
- Ruler: Engraved 1mm graduations along the sheath provide an effective stone measurement tool



Laser Options and Specifications

Laser	Power Needed	Pulse Energy	Vapor Tunnel	Dusting High Hertz Variation	Dusting Pulse Width Variation	Green Aiming Beam	Dual Foot Switch	Weight
Litho 35W	110V	0.1 - 5J	X	X	✓	✓	X	190 lbs
Litho 60W	220V	0.2 - 5J	✓	Yes-60Hz max	✓	✓	✓	440 lbs
Litho 100W	220V	0.2 - 5J	✓	Yes-80Hz max	✓	✓	✓	506 lbs

[THE FORTEC ADVANTAGE]

- ✓ **RENT:** Appreciate professional technician support and pay as you go
- ✓ **BUY:** Leverage ForTec's broad array of surgical device options at competitive pricing
- ✓ **PLACE:** Permanent access to the technology with maintenance and technician support
- ✓ **EDUCATE:** Access the unique Laser Education Portal for CE accredited coursework