The ForTec Quanta 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
This unique mode using a long pulse width generates an elongated bubble and vapor pathway between the fiber tip and stone. This elongated bubble has a much smaller contact area with the stone, limiting retropulsion.

- MasterPULSE fine tuning
- Vapor Tunnel effect
- Dusting Modes:
  - High Hertz
  - Pulse Width
- Dual footswitch
- Green aiming beam
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 Specifications

<table>
<thead>
<tr>
<th>Power Needed</th>
<th>Laser Max Power</th>
<th>Pulse Energy</th>
<th>Vapor Tunnel</th>
<th>Dusting High Hertz Variation</th>
<th>Dusting Pulse Width Variation</th>
<th>Green Aiming Beam</th>
<th>Dual Foot Switch</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>110V</td>
<td>35W</td>
<td>0.1 - 5J</td>
<td>X</td>
<td>X</td>
<td>✓</td>
<td>✓</td>
<td>X</td>
<td>190 lbs</td>
</tr>
<tr>
<td>220V</td>
<td>60W</td>
<td>0.2 - 5J</td>
<td>✓</td>
<td>Yes-60Hz max</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>440 lbs</td>
</tr>
<tr>
<td>220V</td>
<td>105W</td>
<td>0.2 - 5J</td>
<td>✓</td>
<td>Yes-80Hz max</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>506 lbs</td>
</tr>
</tbody>
</table>

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