Percutaneous Laser Disc Decompression
## Laser Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser Type</td>
<td>QsAAl diode laser</td>
</tr>
<tr>
<td>Model</td>
<td>980-30K</td>
</tr>
<tr>
<td>Wavelength</td>
<td>950nm</td>
</tr>
<tr>
<td>Max. Power (Watt steps)</td>
<td>30W</td>
</tr>
<tr>
<td>Operation Mode</td>
<td>CV, single and pulse</td>
</tr>
<tr>
<td>Pulse Duration</td>
<td>10μs-6s</td>
</tr>
<tr>
<td>Repetition Rate</td>
<td>0.01Hz - 20kHz</td>
</tr>
<tr>
<td>Fiber (SMART connector)</td>
<td>200/400/600μm</td>
</tr>
<tr>
<td>Pilot Beam</td>
<td>Red diode laser, 632nm, power &lt;5mW</td>
</tr>
<tr>
<td>Control Mode</td>
<td>True color touch screen</td>
</tr>
<tr>
<td>Voltage/Current Rating (V, A)</td>
<td>110/220 VAC, 5A, 50/60Hz</td>
</tr>
<tr>
<td>Dimensions</td>
<td>215(W) x 240(L) x 315(H) mm</td>
</tr>
<tr>
<td>Weight</td>
<td>4 Kg</td>
</tr>
</tbody>
</table>

## Additional Information

- **ORBEAM lasers are ideal for Percutaneous Laser Disc Decompression**

### Standard Accessories:
- 2x Safety Goggles
- Footswitch

### Optional Accessories:
- Focus Handpiece
- Lipolysis Handpiece
- Fiber Stripper
- ENT Handpiece
- Dental Handpiece

### Consumables:
- PUDD accessories
- Fiber

### Applications:
- **Dental**
  - Internal decontamination
  - General surgery (cutting)
  - Therapy
  - Tooth whitening
  - Surfaces of teeth
  - Internal gingivectomy

- **ENT**
  - Daicrocystosrhinoscopy (DCR)
  - Turbinectomy
  - Nasal polypectomy
  - Tonsillectomy
  - Glissotectomy
  - Endo sinus surgery
  - Stapedectomy

- **Other Applications**
  - Endovenous laser treatment (EVLT)
  - Laser Lipolysis
  - Hemorrhoidectomy
  - Neurosurgery
  - Urology
  - Suitable for most soft tissue applications

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