Nd:YAP LASER has a patented wavelength of 1.34µm*. 

This multidisciplinary laser is perfect for minimally invasive surgical and endoscopic procedures. 

*(Lokki International Patent)
The Lokki Lis Nd:Yap (Yttrium - Aluminum - Perovskite) laser is a pulsed laser transmitted by optical fiber with a wavelength 1.34 µm.

### EFFECTIVENESS
- 20 times more absorbed by water than 1.06 µm lasers
- Low thermal diffusion
- Reduced healing time and post-operative pain

### ACCURACY
- Thin, flexible silica optical fiber transmits laser beam
- Bare (contact) fiber allows for precise cutting and vaporization
- Gas-cooled fiber (non-contact) provides a stable effect for coagulation and vaporization

### MULTI-PURPOSE
- Efficient control of severe bleeding - most effective hemostasis compared to other surgical lasers
- Soft tissue resection and coagulation
- Hard tissue resection and coagulation

### SAFETY
- Easy modification of laser power density by operator
- Very low necrosis effect due to water absorption and pulse mode of emission.
- No electrical or ionizing effect.

### APPLICATIONS
- Pulmonary/Thoracic
- ENT
- Gynecology
- Urology
- Gastro-enterology
- Orthopedics

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Type</th>
<th>Nd: Yap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength</td>
<td>1.34 µm</td>
</tr>
<tr>
<td>Average Power</td>
<td>20 W</td>
</tr>
<tr>
<td>Peak Power</td>
<td>4 kW</td>
</tr>
<tr>
<td>Pulse Duration</td>
<td>200 µs</td>
</tr>
<tr>
<td>Repetition Rate</td>
<td>5, 10, 30 Hz</td>
</tr>
<tr>
<td>Aiming Laser</td>
<td>655 nm, 3 mW</td>
</tr>
<tr>
<td>Silica Optical Fiber</td>
<td></td>
</tr>
<tr>
<td>Built in gas feeding system</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>110 - 120 V, 60 Hz</td>
</tr>
<tr>
<td>Built in cooling system</td>
<td></td>
</tr>
</tbody>
</table>

**Computerized Keyboard**
- Preset parameters
  - 30 Hz (thermal action)
  - 10 Hz (superficial thermal action)
  - 5 Hz (mechanical action)

**Three power levels for each mode**

**Foot pedal control**

**Size**
- 18/21/31.5 in

**Weight**
- 121 lbs

**Standard Accessories**
- gas cooled fiber
- bare fiber
- safety glasses