Diode HR Laser
CTL 1551 - Doris Plus HR
810nm - 600W

Basic functional advantages

- Maximum effect with minimum pain
- Very well chosen parameters
- Easy exchange of applicators
- High patient and doctor comfort
- High efficiency and effectiveness
- Easy to use
- Colour touch screen
- User identification by PIN code
- Switching on laser beam by button ON in display or foot switch
- Attractive design, modern styling
- Wide range of applications
- The highest quality and reliability!
- Durable and reliable - 2 years warranty!

ISO 9001 • CE • ISO 13485
## CTL 1551 - Doris Plus HR Laser

### Examples of hair removal (HR)

<table>
<thead>
<tr>
<th>Example</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Example" /></td>
<td>Example of face hair removal</td>
</tr>
<tr>
<td><img src="image2" alt="Example" /></td>
<td>Example of legs hair removal</td>
</tr>
<tr>
<td><img src="image3" alt="Example" /></td>
<td>Example of underarm hair removal</td>
</tr>
</tbody>
</table>

### Basic technical-usage parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser type</td>
<td>diode</td>
</tr>
<tr>
<td>Wavelength</td>
<td>810nm</td>
</tr>
<tr>
<td>Max. output power</td>
<td>600W</td>
</tr>
<tr>
<td>Operation mode</td>
<td>continuous (c.w.) or pulsed mode (p.m.)</td>
</tr>
</tbody>
</table>

#### Continuous mode (c.w.)

- Max. output power - $P_{cw}$: 600W, regulated from 50W to 600W with step 50W

#### Pulsed mode (p.m.)

- Max. pulse power - $P_{p}$: 600W, regulated from 50W to 600W with step 50W
- Min. pulse time - $T_{w}$: 0.01ms, regulated from 0.01ms – 1ms
- Range of segments: 0.01ms – 1ms
- 1ms – 10ms
- 10ms – 100ms
- Max. pulse frequency - $f$ (in 0.1 ms $T_{w}$): 10000Hz, regulated from single pulse with step 10Hz
- Average power - $P_{AV}$: 600W

### Additional specifications

- Beam delivery system: treatment probe
- Display / Keyboard: colour, LCD - TFT, touch-T
- Power supply / Power consumption: universal input (95-265)VAC, (50-60)Hz <600W
- Switching control: by footswitch or button START on LCD screen
- Safety class: class 4 laser safety, class I type B electrical safety
- Dimensions / Weight: 230mm x 300mm x 925mm (W x D x H) / ~25kg
- Reference number: REF.: CTL 1551 __-0810-600.23b.TT.DER

---

**CTL - Innovative Laser Technology for: medicine, industry and science since 1991 !**