

LiteTouch™ General Specifications:

Laser characteristics

- Type:
Solid state Er:YAG Pulsed
- Wavelength:
2940 nm
- Frequency range:
10Hz to 50 Hz

Implementation technology

Laser in the Hand-piece

Maximal power

8.4W

Delivery system

Direct optical delivery (mirror based)

Modes of operation

- Hard tissue
- Soft tissue
- Gentle treatment

Pulse properties

- Automatic pulse duration according to user energy settings
- Minimal pulse duration:
80µS
- Maximal pulse duration:
800µS
- Pulse energy:
20mj to 700mj
- Pulse repetition rate (Frequency):
10Hz to 50 Hz

Electrical spec

- AC mains voltage:
100 to 240 VAC
- AC mains Frequency:
50/60 Hz
- Max AC current consumption:
13A
- Power factor:
0.97 typical

Standard compliance

- Safety standards & certifications
(IEC 60601-1: 2005, EN 60601-1-2: 2007, IEC 60601-2-22:2013, IEC 60825-1:2006/ EN 60825-1: 2007)
- EMC standards & certifications
(EN/IEC 60601-1-2)
- FDA approval (510K)
- CE 0483

