

## Technical Data

### Laser: BYONIK® PTL Professional max

Operator laser class	3R
Degree of protection	IP 21 (drip-proof)
Absolute measuring uncertainty for laser power	± 20 %
Associated power supply unit	XP Power AFM60US12 Input Voltage: 100-240 VAC 50-60 Hz Output voltage: 12 VDC
Weight	ca. 10 Kg
Dimensions (L x W x H)	38 cm x 44.5 cm x 46 cm

### Operating conditions

Ambient temperature	+ 10 °C to + 40 °C
Relative humidity	30% to 75%
Air pressure	700 hPa to 1060 hPa

### Transport and storage conditions

Ambient temperature	-20° C to +40° C
Relative humidity	30% to 75%
Air pressure	700 hPa to 1060 hPa

### Usable laser handpieces

#### BYONIK RED

No.	Wave-length	Output power	Operating mode / pulse duration	Angular expansion (mrad)
BLX	808 nm	5 x max. 68 mW	Continuous wave (CW)	8,12 mrad
	658 nm	4 x max. 40 mW	Continuous wave (CW)	8,58 mrad

#### BYONIK BLUE

No.	Wave-length	Output power	Operating mode / pulse duration	Angular expansion (mrad)
BLX	808 nm	5 x max. 68 mW	Continuous wave (CW)	8,12 mrad
	450 nm	4 x max. 40 mW	Continuous wave (CW)	Approx. 8 mrad

\*) Nominal Ocular Hazard Distance (NOHD): distance along the laser beam to the point at which the beam does not exceed the maximum permissible exposure (MPE).

Please observe the rating plates and model-specific equipment for further descriptions.

**Beam Delivery System: 2 x BYONIK® Handpieces**

Laser Type	Diode Laser (DL)
Operating Modes	all DL CW, LD 658 cw & LD 808 Wobbling
Pulse Width	Wobbling Mode: 55 ms - 100 ms
Pulse Rate	Wobbling Mode: 0.5 Hz - 1.5 Hz
Spot Size	Circle, A = 1520,52 mm <sup>2</sup>
Repetition Rate	Wobbling Mode: up to 10 Hz
Cooling	Contact Cooling System
Display Panel	10.4 inch Colour Touch Screen

## CE Konformitätserklärung CE Conformity Declaration

### beauty lumis GmbH

Bruckmannring 38  
85764 Oberschleissheim  
Germany

Hiermit erklären wir, dass das nachstehende Produkt den folgenden harmonisierten Normen entspricht:

EN 60825-1: 2014 | DIN EN 61000-6-1:2007-10 | DIN EN 61000-6-3:2011-09

Herewith we declare in own responsibility that the product mentioned below is in conformity with the following harmonized standards:

EN 60825-1: 2014 | DIN EN 61000-6-1:2007-10 | DIN EN 61000-6-3:2011-09

<b>Produkt</b> <i>Product</i>	BYONIK® PTL PROFESSIONAL max 2 x 5 x 68 mW (808nm) & 2 x 4 x 40 mW (658nm) Optional: 2 x 5 x 68 mW (808nm) & 2 x 4 x 40 mW (450nm)
<b>Hersteller</b> <i>Manufacturer</i>	<b>beauty lumis GmbH</b> Beauty Laser Technology Bruckmannring 38 85674 Oberschleissheim / Germany <b>Phone</b> +49 89 520 336 70 <b>Web</b> <a href="mailto:info@beautylumis.com">info@beautylumis.com</a>
<b>Richtlinie</b> <i>Applicable directive</i>	2011/65/EU 2014/30/EU
<b>Kennzeichen</b> <i>mark</i>	

Jahr der ersten Erklärung / year of first mark: 2011

Datum / Date: 10.06.2011

### Angela Frommer

Geschäftsführer / General Manager