

DAPHNE



Liquid Fiber
Optic
delivery of
High Peak
Power Laser
Diode for
Hair Removal

OVERVIEW

Discover
the future
of hair
removal
Proprietary
Technology

Wavelength: 760-808-1064nm single or mixed

Peak Power up to 2500W

Pulse Width up to 300ms

520nm aiming beam included as standard

Optical Transmission Efficiency up to 90%

Spot size: 1 - 1,5 - 2,0 cm² or custom shape

Advantageous Flat Top beam profile

PRODUCT SPECIFICATIONS – STANDARD MODEL

	LONG PULSE	HIGH PEAK	MULTI-WAVELENGTH
Total Peak Power	600W	1600W	1000W
Wavelength 1	808nm	808nm	808nm
Wavelength 2	1064nm	1064nm	1064nm
Wavelength 3	-	-	760nm
Wavelength Mix	Single or Mixed	Single or Mixed	Single or Mixed
Max Pulse Width	300ms	100ms	100ms
Max Current	110A	180A	120A
Voltage	<12V	<16V	<20V
Max Energy	180 J	60 J	100 J
Water Temperature	20°C	20°C	20°C
Water Filter	< 5µm	< 5µm	< 5µm
Water Flow Rate	1.8 ÷ 2.4 lpm	20 +/-2 l/h (0.33 lpm)	3 lpm
Inlet Pressure	< 3 bar	0.6 bar	2.76 bar
Standard Spot Size	1.5 cm ² (Ø 14mm)	1.5 cm ² (Ø 14mm)	1.5 cm ² (Ø 14mm)

NON-STANDARD AVAILABLE MODELS

- Up to 2500W peak power, single wavelength 808nm.
- Up to 2000W peak power, single or mixed 808-1064-760nm.
- Spot size @ handpiece output 1cm², 2cm², round, square.
- Custom solutions available upon request.

CONTACTS

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