Technical Specifications

General Specifications

Dimensions (d x w x h)	Max 620 x 750 x 1400 mm
Weight	Max 66 kg
Shipping Box Dimensions (d x w x h)	Max 800 x 900 x 1500 mm
Shipping Weight	Max 140 kg
Noise	Max 55 dBA
Electrical Input	100-240 VAC
Maximum Power Consumption	1000 VA
Frequency	50/60 Hz
Fuse	T 10 A/250 VAC
Pressure	700-1060 hPa
Working Temperature	10^0 C - 35^0 C
Relative Working Humidity (Non-condensing)	10 - 75%
Storage Temperature (Drained)	0^0 C - 40^0 C
Relative Storage Humidity (Non-condensing)	20 - 80%
Keyboard	USB

Output

Light Source	Intense Pulsed Light (I^2PL)
Pulse Time (Min-Max)	2.5-99.5 ms
Pulse Delay (Min-Max)	1.5-600 ms
Pulse Number (Min-Max)	1-4
Energy Range	2 J/cm^2 - 26 J/cm^2
All max output values have a tolerance on the screen value of ±10%, *VL-2 -10%	
Wavelength Range (Min-Max)	400 nm - 950 nm
Charge Time (Min-Max)	1.5-2.3 s

Light Source	Laser Light (Nd:YAG)
Pulse Time (Min-Max)	2.5-90 ms
Pulse Delay (Min-Max)	1.5-600 ms
Pulse Number	1
Energy Range	20 J/cm^2 - 600 J/cm^2
Output tolerance ± 20%	
Wavelength range	1064 nm
Beam divergence	12 °
NOHD (Nominal Ocular Hazard Distance)	16 m
IEC 60825-1, annex A5	
Charge Time (Min-Max)	1.5-2.8 s

Foot Print (Spot Size)

Applicator Type: HR-S, PL	Ø8mm
Applicator Type: HR, HR-3, HR-D, PR, VL-2, PL-W	10 mm x 48 mm
Applicator Type: Nd:YAG	Ø1.5 - 5.0 mm

Applicators used with Ellipse MultiFlex

- all refer to 1 MAN7982

Hair Applicator Type: HR/HR-3

Wavelength	600-950 nm
Output (Max)	21 J/cm²

Hair Applicator Type: HR-D

Wavelength	645-950 nm
Output (Max)	19 J/cm²

Hair Applicator Type: HR-S

Wavelength	600-950 nm
Output (Max)	16.5 J/cm²

VL-2 Applicator

Wavelength	555-950 nm
Output (Max)	26 J/cm²

PL Applicator

Wavelength	400-720 nm
Output (Max)	18 J/cm²

PR Applicator

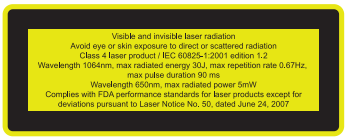
Wavelength	530-750 nm
Output (Max)	19 J/cm²

PL-W Applicator

Wavelength	400-720 nm
Output (Max)	18 J/cm²

Nd:YAG Applicator

Wavelength	1064 nm
Output (Max)	600 J/cm²
Aiming Beam (LED)	
- Wavelength	650 nm
- Max. Power Output	290 uW



Accessories

Optical Coupling Gel - REF 2GEL0826 (250g) or 2GEL1342 (5kg)

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