



Leaseir MHR Laser System datasheet

Voltage	100-120V	220-240V	
Max. Current	16A	8A	
Frequency	50-60 Hz		
Electric connection	grounded single phase		
Nominal eye hazard distance	6m (19,5ft)		
Safety eyewear	6+ OD @ 790-830 nm		
Room temperature range	15 - 25 C / 59 – 77° F for 4hz full power		
Max. room hum.	90%		
Min/Max. atmospheric pressure	54 kPa/101.3 kPa		
FDA Product classification	Class II medical device		
FDA Product code	GEX		
CDRH	Laser Class IV		
MDD	Laser Class IIB		
EN-60825-1	Laser Class 4		
Working classification	Intermittent		
Weight - kg	48		
Dimensions (H,W,L) - mm	1100, 450, 570		
Hand piece	810 SINGLE	810 DUAL	810 QUAD
Laser type	AlGas diode stack		
Electric peak power - Watts	3800	7600	7600
Optical peak power - Watts	2000	4000	4000
Optical peak power on spot - Watts	1800	3800	3800
Nominal Wavelength - nm	810	810	810
Pulse length – ms.	5 - 400		
Pulse repetition rate	1-2-3-4 /10 Hz		
Aperture - mm	9 x 9	13,5 x 15,5	14,5 x 25,5
Max Fluence - J/cm ²	40	40	30
Beam divergence – degrees	60	60	60
Weight (just pistol) - kg	0,7		
Weight (includes umbilical + connector) - kg	2		
Weight (inside box) - kg	4,7		
Umbilical length - meters	2		