



# Therapy Guide: Body Contouring



## Laser Irradiation System: Megalas-AM-800



Therapy Time (Minutes)	Laser Dose (J/cm <sup>2</sup> ) Treatment Area = 314 cm <sup>2</sup> Height = 30 cm			Frequency (Time/Week)
	AM-800A600	AM-800A660	AM-800A666	
	Wavelength: 660nm			
	20 x 100mW	40 x 100mW	60 x 100mW	
	0.0064 J/cm <sup>2</sup> -sec	0.0128 J/cm <sup>2</sup> -sec	0.0192 J/cm <sup>2</sup> -sec	
	1 irradiator	2 irradiators (to same area)	3 irradiators (to same area)	
40	15.4	30.7	46.1	1 ~ 3
30	11.5	23.0	34.6	
20	7.7	15.4	23.0	
15	5.8	11.5	17.3	

■ J/cm<sup>2</sup>-sec = Unit Energy Density (Height=30 cm, Area=314 cm<sup>2</sup>)  
 The laser dose is calculated with the application of the quantity of irradiators to the treatment area .  
 The therapy time is decided by patient's condition and areas. **30 minutes is recommended.**  
 An exercise program follows the laser therapy is **required.**



## Laser Irradiation System: emLas-900



Therapy Time (Minutes)	Laser Dose (J/cm <sup>2</sup> ) in Treatment Area = 314 cm <sup>2</sup> Height = 30 cm		Frequency (Time/Week)
	emLas-900A	emLas-900B	
	Wavelength: 660nm		
	20 x 50mW	20 x 100mW	
	0.0032 J/cm <sup>2</sup> -sec	0.0064 J/cm <sup>2</sup> -sec	
40	7.7	15.4	1 ~ 3
30	5.8	11.5	
20	3.8	7.7	
15	2.9	5.8	

■ J/cm<sup>2</sup>-sec = Unit Energy Density (Height=30 cm, Area=314 cm<sup>2</sup>)  
 The laser dose is calculated with the application of the quantity of irradiators to the treatment area .  
 The therapy time is decided by patient's condition and areas. **30 minutes is recommended.**  
 An exercise program follows the laser therapy is **required.**

## Laser Irradiation System Comparison

Item	<b>Megalas-AM-800</b> 	<b>emLas-900</b> 
Quantity of laser Irradiator	1 ~ 3	1
Laser Quantity per Irradiator	20	20
Time Control	1 ~ 60 Minutes	1 ~ 60 Minutes
Frequency Control	0 ~ 1,000 Hz	0 Hz (CW)
Operation Time Counter (for maintainance)	Irreversible Counter	No
Available Laser Wavelength/ Unit Laser Power	405nm/100mW	NA
	520nm/25mW	
	635nm/100mW	
	660nm/50mW	660nm/50mW
	660nm/100mW	660nm/100mW
	780nm/100mW	780nm/100mW
	808nm/100mW	808nm/100mW
Net Weight	36 Kg	6 Kg
Shipping Weight	72 Kg	9 Kg