

의료장비 일반 사양서

문서번호 : 영의26-0812호

신청부서		성형외과	신청수량	1 set	
장비명	국문	엔디야그 레이저 수술기	도입구분	분류	A37010.04[3]
	영문	ND-YAG LASER SURGICAL UNIT		사유	신규

I. General Specification The specifications below are basically similar or superior specifications.

A. Features :

1. It is a laser surgical device that uses an Nd:YAG as a medium for the purpose of incising, destroying, or removing skin tissue.
2. The 785nm wavelength offers a clinically perfect balance between absorption and penetration - making it an ideal choice for targeting melanin across both epidermal and dermal layers.
3. Higher melanin absorption than 1064nm for improved pigment targeting.
4. Safer and deeper than 532nm - fewer side effects, more consistent results.
5. Clinically validated for both epidermal and dermal pigment conditions.
6. Minimized risk of PIH with stable top-hat beam profile.

B. Specifications :

1. Equipment Type: Laser surgical device
2. Laser Type: Nd YAG or Nd YAG and Titanium Sapphire
3. Wavelength:
1064nm/532nm & 785nm or
Picoway: 1064nm & 532nm & 730nm & 785nm, Resolve: 1064nm & 532nm
4. Pulse Duration:
Under 10ns & 600ps or
Picoway: 450ps & 375ps & 250ps & 300ps, Resolve: 450ps & 375ps
5. Pulse Energy (Max.):
1064nm: 1.4 J, 532nm: 0.5 J, 1064RTP: 2J, 785nm: 0.2 J, or
Picoway: 400mJ & 200mJ & 100mJ & 100mJ, Resovle: Up to 2.9mJ & Up to 1.5mJ & 0.7mJ(Central Beam)
6. Repetition Rate: 1-10 Hz
7. Spot Size: Multiple spot sizes according to the selected handpiece
Zoom Handpiece: ϕ 1-7mm, Zoom Collimator Handpiece: ϕ 1-10mm, 1064 Fx Handpiece: 5x5mm², 785 Dia Fx Handpiece: 5x5mm²,
785 Zoom Handpiece: 1x1-7x7mm², 785 Collimator Handpiece: 7x7mm² or
Picoway: 2-10mm, 2-4mm, Resolve: 6mm x 6mm
8. Display: 10.4-inch TFT LCD Touch Display or 42"H X 18"W X 27"D Touch Display
9. Electronic Control: Arm Processor
10. Cooling System: Closed-cycle water-to-air heat exchanger or equivalent cooling system
11. Electrical Power: 200-240 VAC, 50/60 Hz
12. Laser Delivery System: Articulated arm with interchangeable handpieces



이준호

II. Consist of : (A Model or B Model)

A - Model :

- | | |
|---|-----|
| 1. Main Unit(HELIOS 785 PICO) | 1ea |
| 2. Articulated arm | 1ea |
| 3. Footswitch | 1ea |
| 4. Safety goggle | 2ea |
| 5. Patient goggle | 1ea |
| 6. Power cable | 1ea |
| 7. Handpieces(1064 fx, zoom, collimator, 785 Dia FX, 785 Zoom, 785 Collimator) | 6ea |
| 8. Service & Operator manual | 1bk |

B - Model :

1. Main Unit(PicoWay)	1ea
2. Articulated arm	1ea
3. Footswitch	1ea
4. Safety goggle	1ea
5. Patient goggle	1ea
6. Power cable	1ea
7. Handpieces(PicoWay Zoom, PicoWay 785, Picoway Reseolve(532nm, 1064nm))	4ea
8. Service & Operator manual	1bk

III. 특기사항

1. 무상하자보증기간 : 3년
2. 한국식약처 의료기기 수입품목 허가증 또는 제조 허가증 사본 제출



이공템.