

Specification of Erbium Glass+Qswitch Nd yag+dye laser/Multiplatform system with multiple indications Laser Unit

It is laser system with multiple indications.

Base Unit Configuration

- 1 Android Based screen useful for data Input and Output.
- 2 Electrical: 100-120 VAC, 20A, 50/60 HZ, 220-240 VAC, 10A, 50/60 HZ Power 20A load.
- 3 Dimensions; 35 to 40 cm wide 50 to 60*cm deep * 100 to 150cm High.

1) Q switch ND Yag 1064nm hand piece.

This hand piece should include following Tips.

- A) 1064nm CVD Tip- spot size adjustable up to 5mm.
- B) 1064nm spot size 10mm .
- C) 1064nm (5*5) Fractional tip.
- D) 4D Tips (+2,+1,0 -1, -2)
- E) 532nm – 3mm tip for red and green tattoo.
- F) Power up to 2400mj according to depth of penetrations.

2) Erbium Yag 2940 hand piece.

Hand piece should include following tips.

- A) 1mm for Xanthelasma, Warts, mole and skin tags cutting.
- B) Upto 4mm for surgical scar treatment.
- C) (Upto 7*7 I Pixel) for acne scar, stretch mark, fine lines, burn scar and skin rejuvenations.
- D) Should have (Upto 7*1) roller technology.
- E) Pulse duration- 1ms, 1,5ms and 2ms.
- F) Fluence :200 to 2400mj/cm2.
- G) Pulse duration: low, medium and high.

3) For Vascular Lesion.

- A) Dye Vascular Leison Hand piece with AFT Technology.
- B) wavelength (500-600nm).
- C) pulse duration- 10ms, 12ms,15ms.
- D) spot size upto 3cm.
- E) fluence 5j/cm2 to 14j/m2.
- F) 1 to 3HZ repetition rate.
- G) It should have 1064ms long pulse for deeper vascular lesion.
- H) spot size- 1mm, 2mm, 6mm, 10mm.
- I) Pulse width 1ms, 10ms, 15ms,45ms and 60ms.
- J) It should have fluence 20 to 450j/cm

System should be equipped with following technologies.

A) Erbium glass 1540nm with the acne treatment vacuum tips.

B) UV hand piece for vitiligo treatments.

Single compact Base unit should have all these modes and hand pieces.

Machine should come with following accessories

Five IPL goggles, Ten laser goggles, ten patients goggles, foot switch, operating manual.

General Requirement's

1) Should conform to CDSCO – BIS standards. Where CDSCO certification is not

available, should conform to USFDA/CE standards.

2) Operating and detailed manual to be supplied.

3) Warranty five Years followed by five years CMC.

4) Demo and training of the said equipment should be provided.

5) Company should have direct presence for better service and training of doctors.

6) Machine should be supplied with UPS with spike protection

7) User defined power setting can be stored.

8) Doctor chair hydraulic height adjustable with back rest & castor wheels, 2 in number.

9) Provision for free of cost software Upgradation for life cycle of the equipment irrespective of the number of software update.

10) Site visit is preferable wherever necessary.