

Performance Characteristics

MAXIMUM FLUENCE WITH GIVEN SPOT SIZE AND REPETITION RATE

| FLUENCE J/CM ² | SPOT SIZE (AREA) | APOGEE 9300™ | | APOGEE 6200™ | |
|---------------------------|---------------------------------|--------------|-------|--------------|-------|
| | | HZ | POWER | HZ | POWER |
| 25 | 10 mm (0.79 cm ²) | 5 | 98W | 3 | 60W |
| 50 | 10 mm (0.79 cm ²) | 2 | 79W | 1 | 40W |
| 25 | 12.5 mm (1.23 cm ²) | 3 | 93W | 2 | 62W |
| 35 | 12.5 mm (1.23 cm ²) | 2 | 86W | 1 | 43W |
| 25 | 15 mm (1.77 cm ²) | 2 | 88W | 1 | 44W |

Apogee Technical Data

Type Solid State Alexandrite Laser

Wavelength 755 nm

Pulse Characteristics:

Pulse Duration 5 msec, 10 msec, 20 msec, 40 msec

Handpiece Diameter 12.5 mm, 15 mm, (10 mm optional)

Repetition Rate Adjustable Continuous Pulsing
or Single Pulse Operation

Pulsing Controls Fingerswitch or Footswitch

MAXIMUM FLUENCE:

10mm – 50 J/cm² – Continuously selectable

12.5mm – 35 J/cm² – Continuously selectable

15mm – 25 J/cm² – Continuously selectable

BEAM DELIVERY:

Lens-Coupled Optical Fiber with Handpiece

AIMING BEAM:

Laser Type Diode Laser (CW)

Wavelength 635 nm (Red)

LASER COOLING METHOD ... Air Cooled

SmartCool™ Technical Data

The most flexible cooling system on the market!

OPTIONAL TREATMENT COOLING SYSTEM:

- Continuous flow of chilled air before, during and after treatment.
- Provides unlimited post-treatment cooling.
- No disposable requirements.
- Designed for Apogee hair removal systems and other Cynosure lasers.
- Can be used with other laser systems or for non-laser procedures.

Apogee 9300

SIZE (HxWxD) 114 cm x 50 cm x 83 cm
(45" x 19.75" x 32.75")

WEIGHT 129 Kg (285 lbs.)

ELECTRICAL REQUIREMENTS:

220 VAC, 50A, 50/60 Hz, Single Phase

Apogee 6200

SIZE (HxWxD) 114 cm x 50 cm x 58.5 cm
(45" x 19.75" x 23")

WEIGHT 120 Kg (270 lbs.)

ELECTRICAL REQUIREMENTS:

220 VAC, 30A, 50/60 Hz, Single Phase



(1) Dermatol Surg 2000;26:633-637