SAGA HP
Flashlamp-Pumped Nd:YAG Laser Series

Ultra reliable
User friendly
Best beam quality in its category
SAGA HP
Flash Pump
Solid State Laser

Applications
- Pump laser for ultrafast PW & TW systems
- Laser shock peening
- Ideal pump for OPO and dye lasers

Long Term Stability of Saga HP over 10 Hours

Features and Benefits
- Largest installed base (more than 500 units)
- Field proven reliability for more than 20 years
- Meet the highest requirements for Ti:Sa pumping with the market best beam quality
- Hands free operation, user friendly product
- Cost effective solution for industrial applications

Physical Characteristics (L x W x H)

- **Power supply**
  - 32.68 x 23.62 x 25.59 in
  - 83 x 60 x 65 cm

- **Cooling unit**
  - 30.31 x 8.27 x 19.09 in
  - 77 x 21 x 48.5 cm

- **Laser head**
  - 43.70 x 11.34 x 7.40 in
  - 111 x 28.8 x 18.8 cm

Utilities and Environment Requirements

- **Power**
  - Voltage: 208 Vac ± 5%  |  230 Vac ± 5%
  - Current: 25A  |  20A
  - Frequency: 60Hz  |  50Hz

- **Water**
  - Flow: > 2.7 Gal/min  |  > 10 L/min
  - Static Pressure: 30 – 90 psi  |  2 – 6 bars
  - Temperature: 10 – 25°C  |  10 – 25°C