

KIMMON LASER SYSTEM

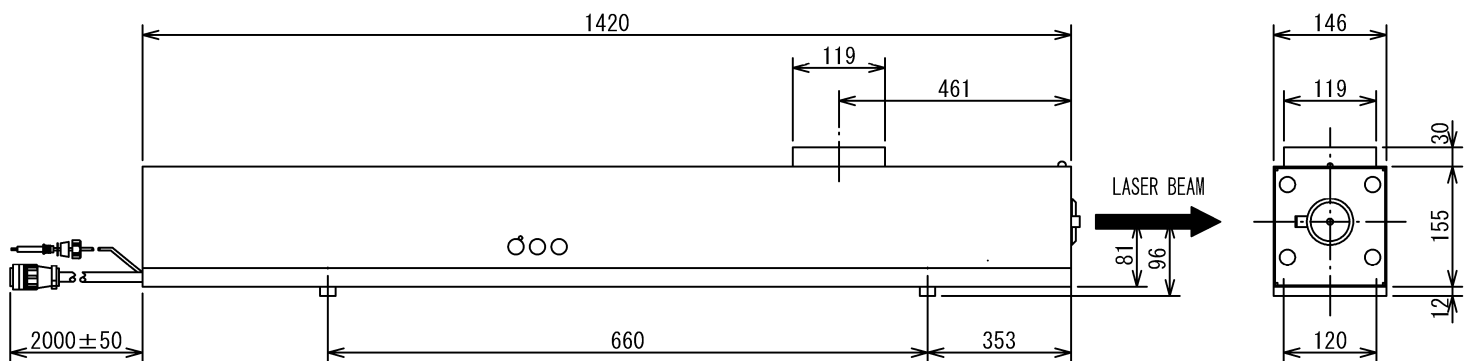
IK3102R-G

Wavelength : 325nm Power : 100mW

Transverse Mode : TEM multimode



Dimension (mm)
IK-G



SPECIFICATIONS

| | |
|--|---|
| Model | IK3102R-G |
| Wavelength (nm) | 325 |
| Power (mW) | 100 |
| Transverse Mode | TEM multimode |
| Polarization | Linear |
| Polarization Ratio | > 500:1 |
| Noise, P-P @30kHz~2MHz (%) | < 15 |
| Beam Diameter 1/e ² (mm) | < 1.8* ¹ |
| Beam Divergence (mrad) | < 1.0 |
| Beam Pointing Stability (μ rad) (At 25°C constant temperature) | ± 25 |
| Warm Up Time (90% power) (minutes) | 20 |
| Power Stability (%) (At 25°C constant temperature) | $\leq \pm 2.0$ (4 hours) |
| Power Stability (10~40°C) (%) | < 20 |
| Environmental Condition (Operation) | Temperature 10~40°C, Humidity $\leq 90\%RH^{*2}$ |
| Environmental Condition (Storage) | Temperature -10~50°C, Humidity $\leq 90\%RH^{*2}$ |
| Shock (with Kimmon packaging) (G) | 20* ³ |
| Dimensions (W×H×L) (mm) | 146×197×1420 |
| Weight (kg) | 23.5 |
| Laser Class | 3B / IIIb |

*1 Measured at 100mm from output coupler

*2 Non-condensing

*3 Vertical direction

