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KIMMON by MARKTEC

7/5/2024

Dear Valuable Partners

New and discontinued models of He-Cd lasers

Thank you for always providing accurate follow-up regarding Kimmon Koha lasers. Although it is the middle of the year, we would like to inform you about new and discontinued models of He-Cd lasers.

New model

IK3401R-G (λ=325nm, >40mW, TEM_{00})

Discontinued model

IK3401R-F (Tube replacement will be available for 7years.)

Implemented from August 1, 2024

The specifications for the new models are attached on a separate page. Please contact us for more information regarding this matter. Thank you for your continued support.

Takashi Fujimoto

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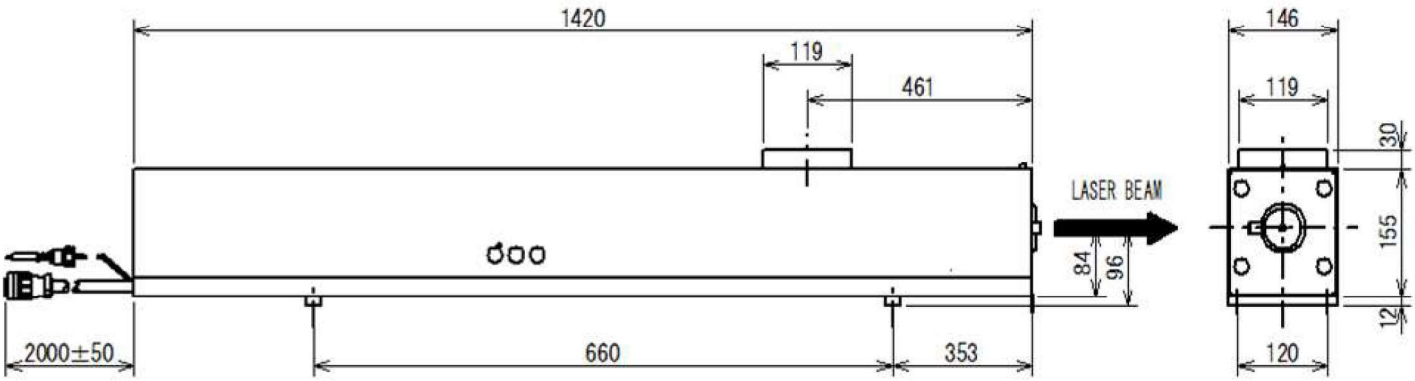
KIMMON LASER SYSTEM

IK3401R-G

Wavelength : 325nm　Power : 40mW

Transverse Mode : TEM_{00}

Dimension (mm)
IK-G



SPECIFICATIONS

Model	IK3401R-G
Wavelength (nm)	325
Power (mW)	40
Transverse Mode	TEM_{00}
Polarization	Linear
Polarization Ratio	> 500:1
Noise, P-P @30kHz～2MHz (%)	< 15
Beam Diameter $1/e^2$ (mm)	< 1.2*1
Beam Divergence (mrad)	< 0.5
Beam Pointing Stability (μ rad) (At 25℃ constant temperature)	<±25
Warm Up Time (90% power) (minutes)	20
Power Stability (%) (At 25℃ constant temperature)	≦±2.0 (4 hours)
Power Stability (10～40℃) (%)	< 20
Environmental Condition (Operation)	Temperature 10～40℃, Humidity ≦90%RH*2
Environmental Condition (Storage)	Temperature −10～50℃, Humidity ≦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