

Deep-UV single frequency laser

Frequad-M57 CW257 nm



- High power
- High stability
- Low noise
- Long life
- Excellent beam quality

Application

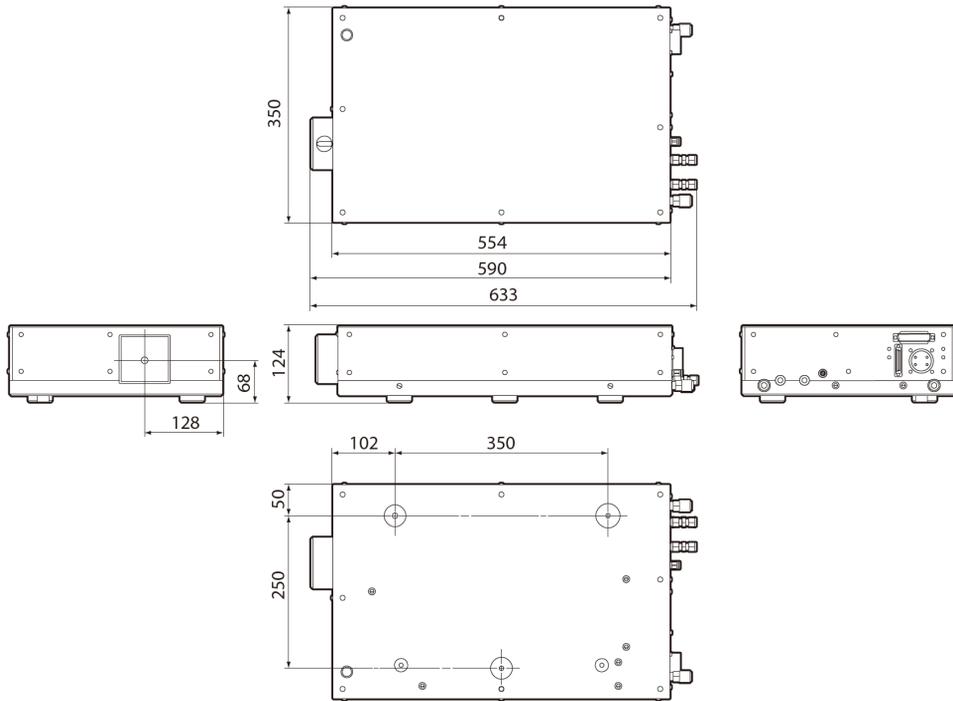
- Semiconductor wafer inspection
- Lithography photomask and reticle inspection
- Photomask direct writing
- UV spectroscopy
- FBG writing

Wavelength	257.5 nm
Output power	0.3 W, 0.5 W, 0.7 W, 1 W
Linewidth	< 0.005 pm
Extinction ratio	> 100 : 1
Beam quality	TEM ₀₀ , M ² < 1.3
Polarization	Vertical, Linear
Power supply	AC 100-240 V, 50/60 Hz
Power consumption	< 340 W
Cooling	Water
Dimensions (Head)	350 x 590 x 124 mm



Frequad-M57 Dimensions

Laser Head Unit



Control Unit

