

## Deep-UV single frequency laser



### Frequad-W CW213 nm

- Short wavelength
- High stability
- Low noise
- Long life
- Excellent beam quality
- Air cooling

#### Application

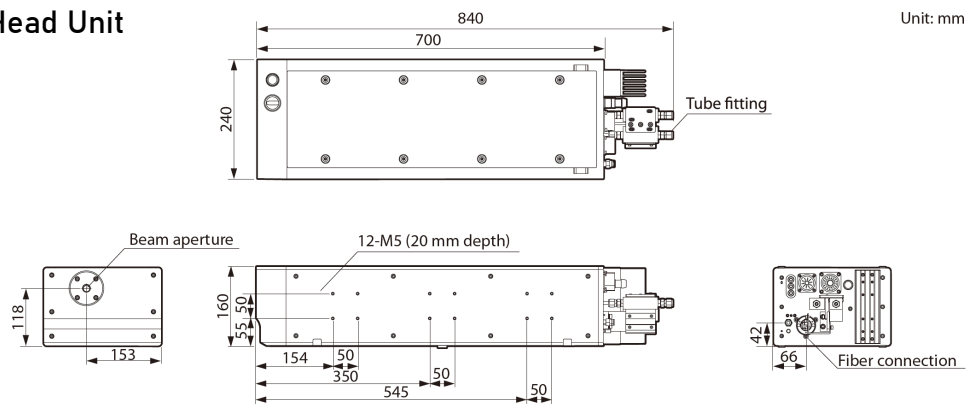
- Semiconductor wafer inspection
- Lithography photomask and reticle inspection
- Photomask direct writing
- UV spectroscopy
- FBG writing

|                   |                        |
|-------------------|------------------------|
| Wavelength        | 213 nm                 |
| Output power      | 10 mW, 20 mW           |
| Linewidth         | < 1MHz (0.15 fm)       |
| Extinction ratio  | > 100 : 1              |
| Beam quality      | TEM <sub>00</sub>      |
| Polarization      | Vertical, Linear       |
| Power supply      | AC 100-240 V, 50/60 Hz |
| Power consumption | < 300 W                |
| Cooling           | Air                    |
| Dimensions (Head) | 240 x 840 x 160 mm     |

Frequad-W Dimensions

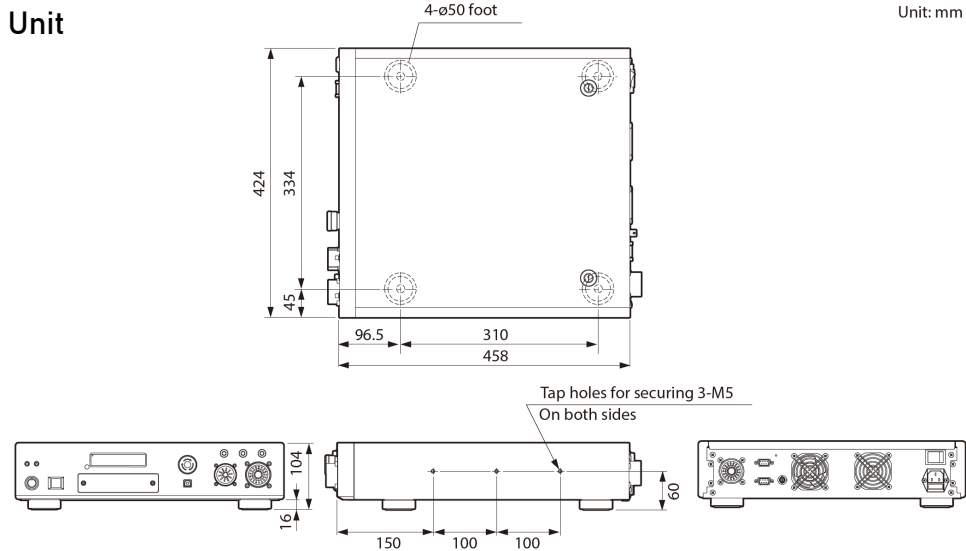
Laser Head Unit

Unit: mm



Control Unit

Unit: mm



coming soon