

# CW 213 nm DUV Laser

Industrial Deep UV laser

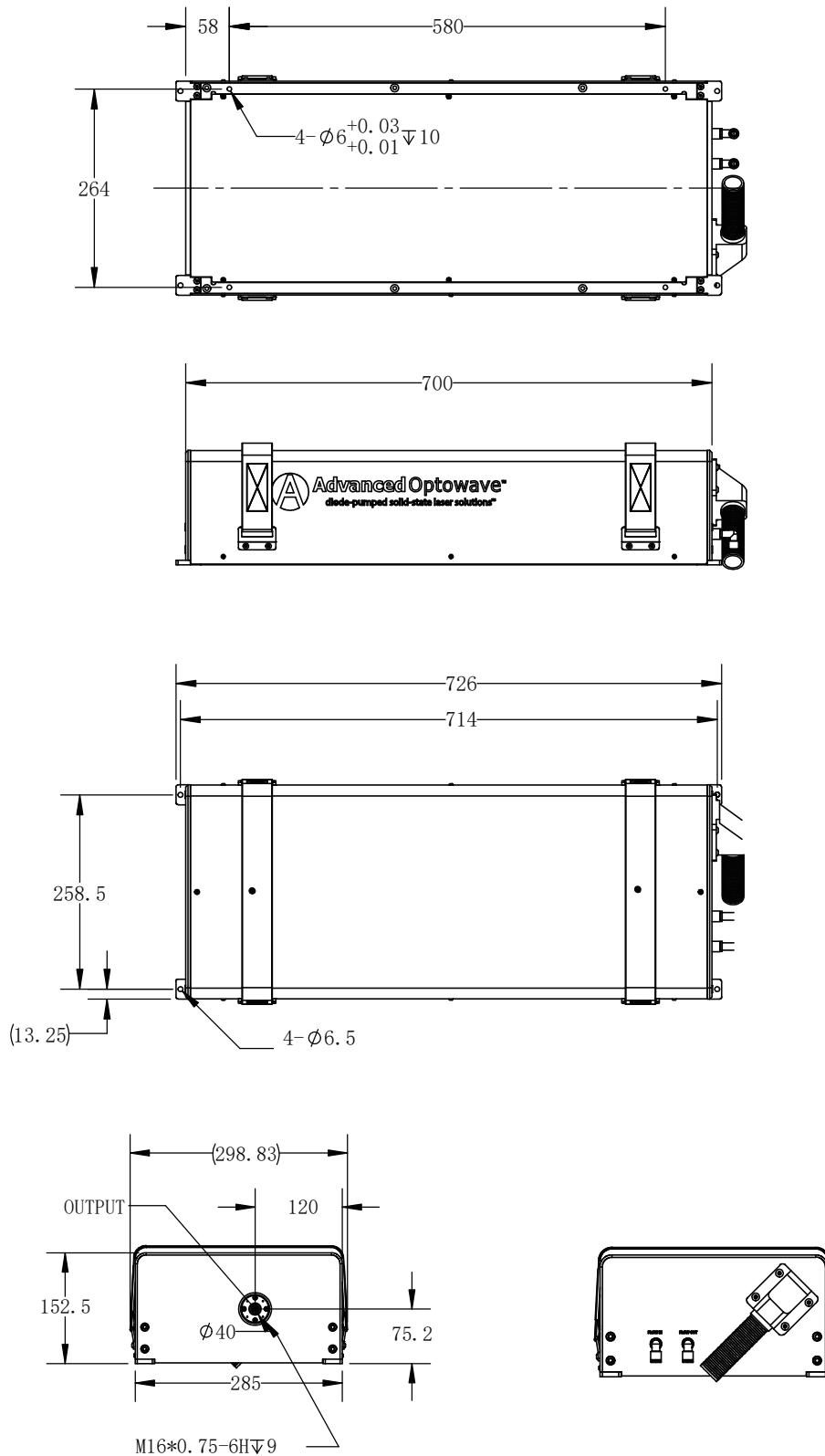
## Applications

- ▶ Semiconductor inspection

Ingenuity 213nm	
Specification	0.3W
Wavelength (nm)	213
Average Power (Watts)	0.3W
Linewidth (pm)	<3
Spatial mode	TEM <sub>00</sub>
Beam Quality (M <sup>2</sup> )	<1.3
Beam Roundness (%)	>90
Waist Location (cm) (internal , from beam exit)	30 ± 5
Waist Diameter (mm)	1.8+/-0.2
Beam Full Divergence (mRad)	0.2±0.05
Point Stability (μrad/°C)	< 20
Polarization Ratio	> 100:1 Linear,Vertica
Pulse-to-Pulse Stability (% RMS)	< 3
Average Power Stability(% over12 hours)	< 3
Cold Start Warm-Up (mins.)	< 40
Standby Warm-Up (mins.)	< 10
Operational Temperature Range (°C)	15 to 35
Operation Humidity Range (%)	20 to 80,non-condensing
Storage Temperature Range (°C)	- 20 to 50
Storage Humidity Range (%)	20 to 80,non-condensing
Input Voltage (VDC)/Rated Power(W)	24 / 1500
Communication	RS232
Cooling	Water
Weight (kg)	30

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## Laser Head CAD Drawing



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Controller CAD Drawing

