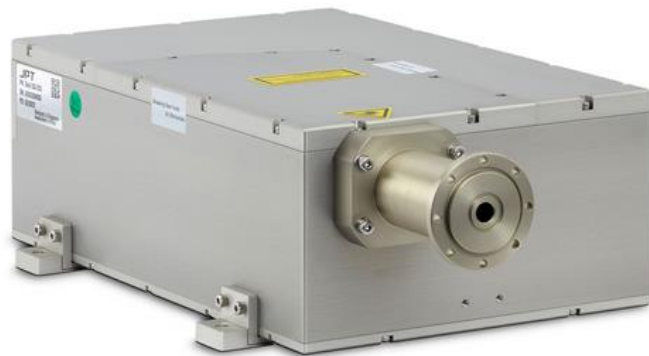


DPSS UV-20S-W-AIO

- All-In-One Design
- Compact Dimensions
- High Power Stability
- Micro Motoring
- Water Cooled



TECHNICAL SPECIFICATIONS:

DPSS UV-20S-W-AIO

Central Wavelength	355 nm
Nominal Output Power	> 20 W @ 70 kHz
Beam Quality	$M^2 < 1.3$
Beam Divergence	≤ 2 mrad
Pulse Frequency Range	40 – 300 kHz
Pulse Width	< 15 ns @ 70 kHz
Output Beam Diameter ¹	0.5 ± 0.2 mm
Beam Roundness	> 90%
Pulse-to-Pulse Stability	$\leq 3\%$ RMS @ 80 kHz
Average Power Stability	$\pm 3\%$ over 24h

Polarization Ratio	> 100:1
Cooling Method	Water
Dimension W*D*H ²	350*205*120
Weight	13 kg
Supply DC Voltage (VDC)	36 V
Current Consumption	8.5 A
Power Consumption	< 350 W
Operation Temperature	10 – 35 °C
Storage Temperature	-15 – 50 °C

¹ Optional equipped with 6x or 10x Beam Expander

² Dimension without Beam Expander



Manufacturer:

JPT