

MEGA-PULSE UV DPSS LASERS

Preliminary Data Sheet – Model MP-15-355

Midaz range of Mega-Pulse diode-pumped solid-state (DPSS) lasers offer the state-of-the-art high pulse rates to 1MHz and beyond. This represents an order of magnitude higher pulse rate capability compared to competing DPSS lasers. This industry-leading performance is accompanied by extraordinarily short pulse duration and high pulse stability for such high pulse rates. Features include:

- highest average powers,
- very short pulse duration for
- highest peak powers and
- operation to MHz repetition rates.

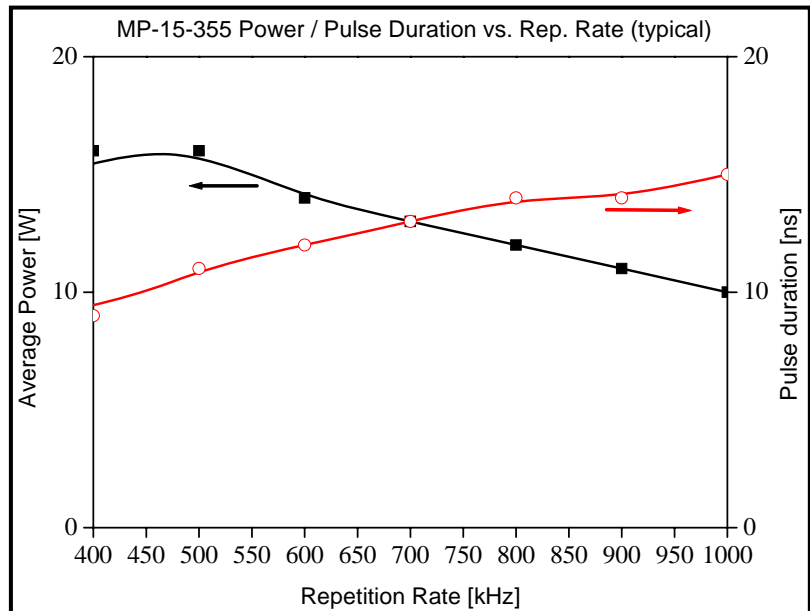
Mega-pulse lasers are the ideal choice where highest pulse rate and high precision are required, e.g. high speed micromachining of small features.

Several frequency options exist for infra-red, visible and UV wavelengths.

Applications include:

- Microelectronics
- FPDs / PCBs / Solar cells
- Aerospace/Automotive
- Medical components
- Industrial Diamond/Gemstones
- Laser Marking / Product ID

Model No.	MP-15-355
Wavelength	355 nm
Average power @500kHz	15 W
Repetition rate	Up to >1000 kHz
Pulse duration @500kHz	~10 ns
Spatial Mode	TEM ₀₀ , M ² <1.3
Polarisation Ratio	> 100:1
Laser Head (LxWxH)	550x350x120mm



Midaz has a policy of continuous product improvement. Specifications are subject to change without notice.