



MLase AG



MLI- 500LC / 1000LC

Key Features

- Industrial Design
- Corona Preionization
- Solid-State circuitry
- Tube Technology
- Energy Monitor
- Compact Excimerlaser, Single Phase

Customer Benefits

- High reliability
- Low maintenance
- 100% duty cycle
- Homogeneous beam profile
- Immediate availability, no aging
- Tube all metal sealed
- Extended lifetimes for many billion pulses
- Energy stabilizing
- Easy to operate, easy to integrate
- Water cooler

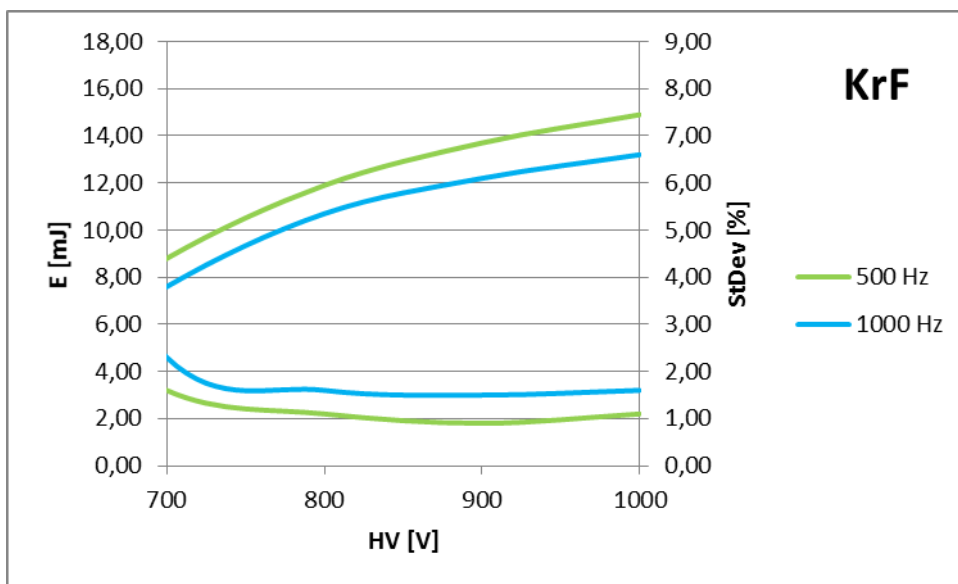
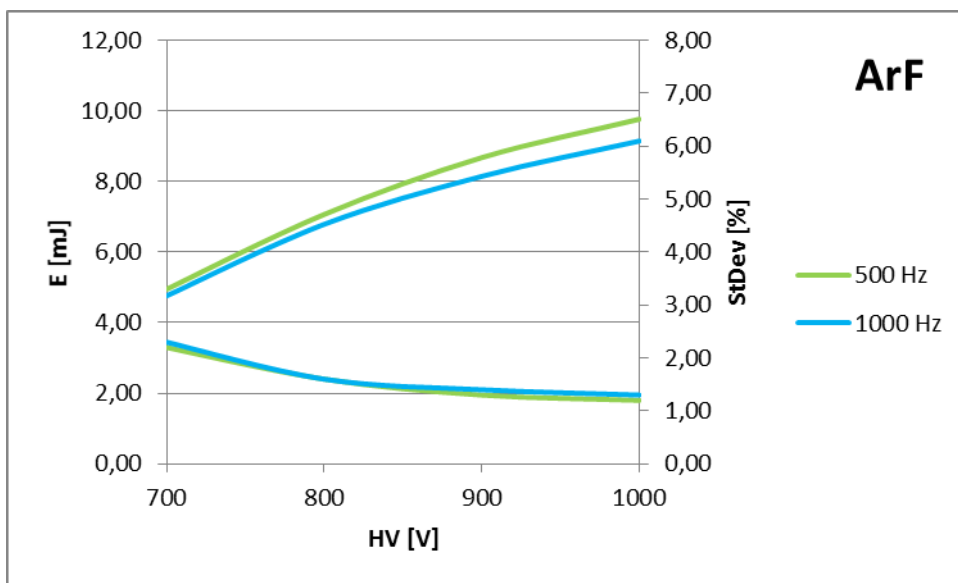
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Specifications*

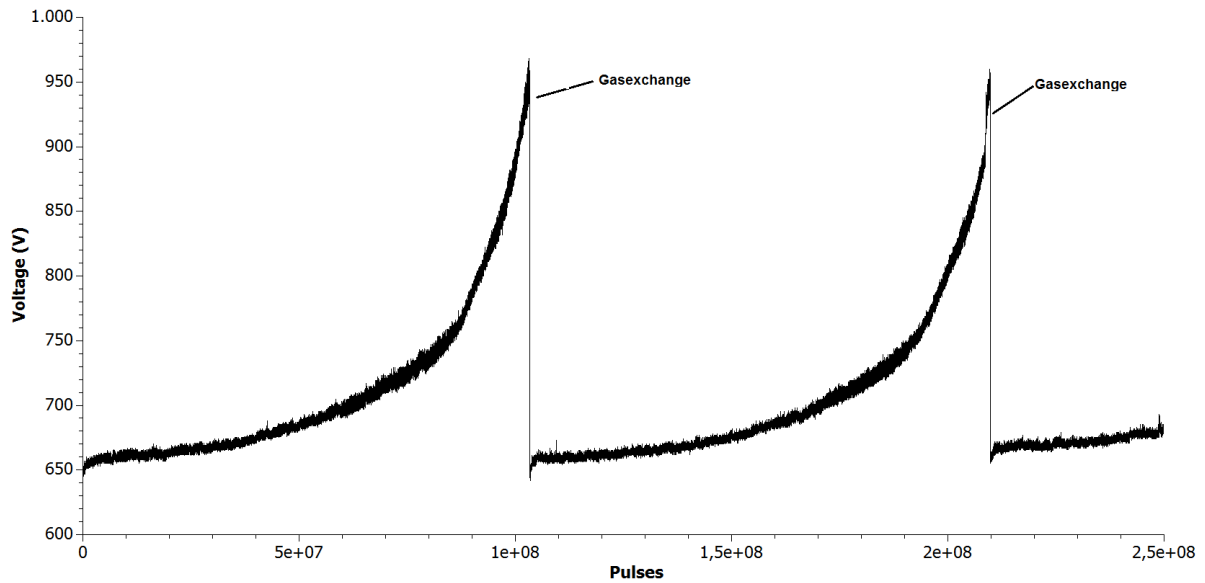
Parameter	ArF	ArF	KrF	KrF
Wavelength (nm)	193	193	248	248
Max. Repetition Rate (Hz)	500	1000	500	1000
Stabilized Pulse Energy (mJ)	6	6	10	10
Stabilized Pulse Power (W)	3,0	6,0	5,0	10
Energy Stability (sigma, %)	2	2	2	2
Beam Dimensions (FWHM, V x H mm)	6x3	6x3	6x3	6x3
Beam Divergence (FWHM, V x H mrad)	2x1	2x1	2x1	2x1
Pulse Duration (FWHM) (ns)	5-10	5-10	5-15	5-15

*Specifications are subject to change without notice



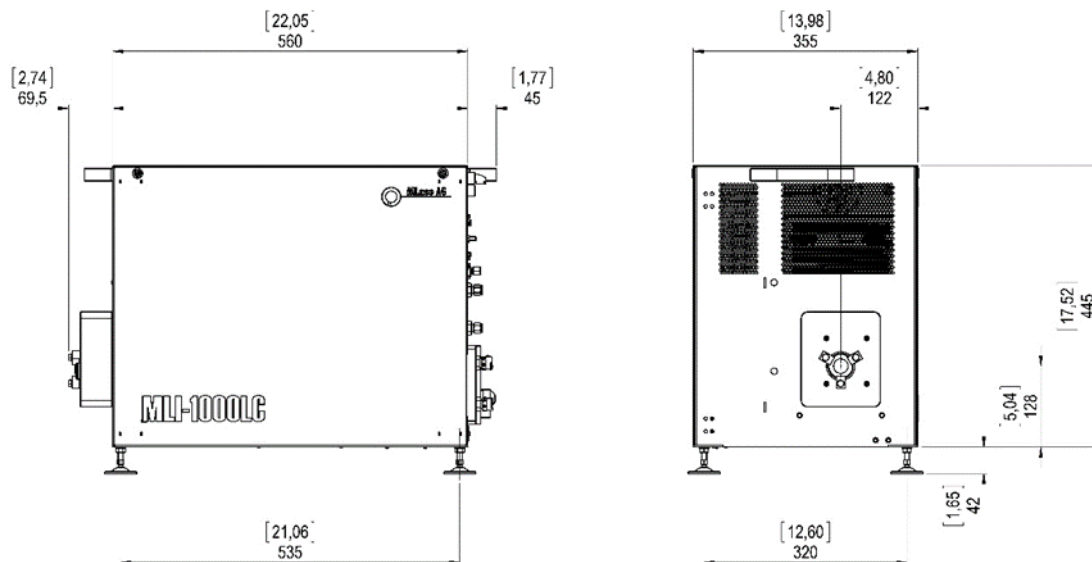
Dynamic Gas Lifetime

1000Hz, stabilized @ 4mJ, ArF



Weight / Utilites / Dimensions

Weight	app. 80kg
Cooling	water
Electrical	230V, 50/60Hz, 2000W max.
Dimensions (L x W x H)	560 x 355 x 445 mm



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