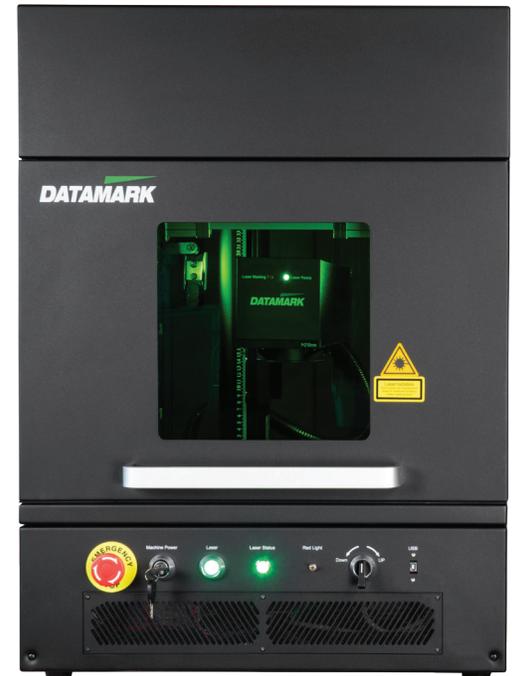# XL+ *UV* LASER MARKING WORKSTATION

UV laser marking workstation with Class 1 safety cabinet.

DATAMARK

- A powerful solution for precise, high-contrast marking of metals, plastics, glass, ceramics, rubber, paper products, and other materials

- Even the most intricate designs can be reproduced with exceptional accuracy

- Introduces minimal heat stress, ensuring that base material integrity is preserved to improve stability and corrosion resistance

- CDRH Class 1 safety enclosure with vertical interlocked door, laser-safe viewing window, power Z-axis, and interior lighting system

- 5-watt UV laser source allowing for maximum application flexibility

- 4.3" x 4.3" or 6.9" x 6.9" marking window

- Proximity sensor automatically cuts off marking if the door is opened

- Additional rear-opening door

- Pre-wired output for plug-and-play rotary axis connection
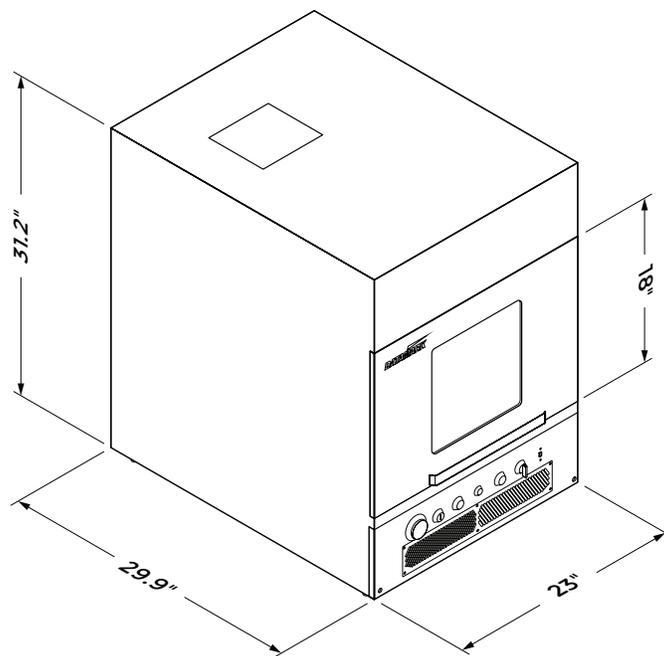
- Onsite training available

DATASOFT™ LASER MARKING SOFTWARE

The XL+ *UV* includes feature-rich software to easily mark text, logos, graphics, serial numbers, date codes, Data Matrix and QR codes, UID and UDI syntax, linear barcodes, and much more. Requires a PC running Windows 10 or higher (not included).

OPTIONS

- Rotary for marking round parts
- Industrial fume extractors (integrated port standard)
- Marking fixtures

XL+ UV LASER MARKING WORKSTATION

31.2"
18"
29.9"
23"

SPECIFICATIONS:

Material Types:	Metals, Alloys, Plastics, Glass, Ceramics, Rubber, Cardboard/Paper Products, and more
Mark Types (Setting Dependent):	Etching, Annealing, Surface Marking
Laser Power:	5W
Laser Source:	Ultraviolet
Marking Speed:	Max. 6.00mm/sec.
Pulse Duration:	13ns
Wavelength:	355 nm
Frequency Range:	30-150 kHz
Cooling:	Air
Rating:	Class 1
Safety:	Door interlock, security sensor, and E-stop
Focus Alignment:	Class ll Red Diode (635 nm)
Marking Window:	4.3" x 4.3" or 6.9" x 6.9"
Power Requirement:	110V / 115V
Operating Temperature:	32° to 104° F
Control:	Software (Windows PC)
Warranty:	12 Months

Standard package includes: *XL+ UV series benchtop enclosure with integrated laser controller and marking head, lens, manual, and DataSoft PC software package (PC not included)*