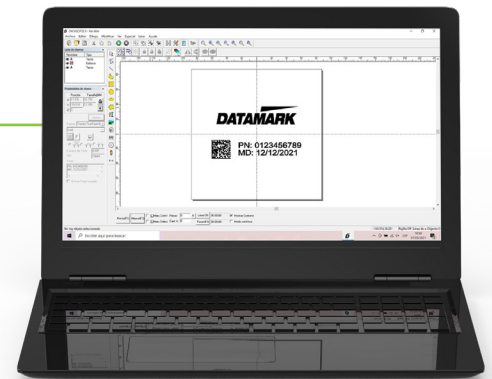## Open-architecture UV laser marking workstation.

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

- Class 4 configuration allows you to engrave both small and large parts without the limitations of a cabinet, offering total 360° access and easy viewing of the workpiece*

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

- 5-watt UV laser source

- Standard 19" rack-mountable controller

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

- Pre-wired output for plug-and-play rotary axis connection

- Onsite training available

DATASOFT™ LASER MARKING SOFTWARE

The ECO+ *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).
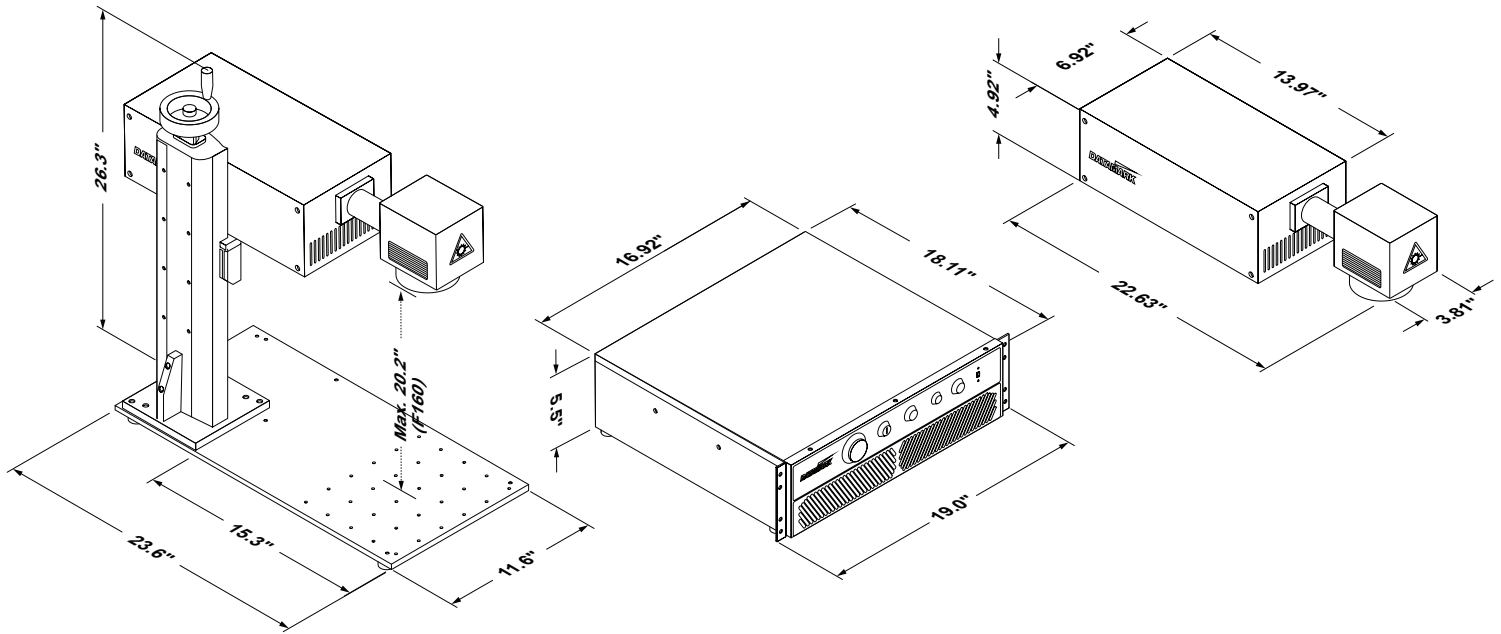

⚠ * WARNING:
*This product is classified as a **Class 4** laser system and emits **Class 4** laser radiation. It is the end-user's responsibility to ensure all appropriate safety protocols are followed. Please reference the ANSI Z136 series of standards for further guidance before purchasing, installation, and operation.*

OPTIONS

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

ECO+ *UV* OPEN LASER MARKING WORKSTATION

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:	Utraviolet
Marking Speed:	Max. 6.00mm/sec.
Pulse Duration:	13 ns
Wavelength:	355 nm
Frequency Range:	30-150 kHz
Cooling:	Air with anti-particulate filter
Rating:	Class 4
Safety:	E-stop
Focus Alignment:	Class II 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: ECO+ UV series benchtop laser controller and marking head, baseplate, Z column, lens, laser safety glasses, manual, and Datasoft Windows software package (PC not included)