

System Specifications

	VLS2.30	VLS3.50
▶ Work Surface Area (WxH)	16 x 12 in (406 x 305 mm)	24 x 12 in (610 x 305 mm)
▶ Maximum Part Size ¹ (WxHxD)	18.75 x 14.6 x 4 in (476 x 370 x 102 mm)	26.75 x 14.6 x 4 in (679 x 370 x 102 mm)
▶ Dimensions ² (WxHxD)	26 x 14 x 25 in (660 x 356 x 635 mm)	34 x 14 x 25 in (864 x 356 x 635 mm)
▶ Rotary Capacity	Max. Diameter 4.5 in (115 mm). Min. Diameter 1 in (25.4 mm).	
▶ Motorized Z-Axis Lifting Capacity	20 lbs (9 kg)	
▶ Available Focus Lenses	2.0 / HPDFO™	
▶ Laser Platform Interface Panel	Five-button keypad	
▶ Computer Requirements	Requires dedicated PC with Windows® 7/8/10 32/64 bit and one available USB port (2.0 or higher).	
▶ Cabinet Style ³	Desktop	
▶ Optics Protection	Ready for compressed air-based optics protection.	
▶ Laser Options	10, 25, 30 watts	10, 25, 30, 40, 50 watts
▶ Approximate Weight ²	70 lbs (32 kg)	95 lbs (43 kg)
▶ Power Requirements	110V/10A; 220V-240V/5A	
▶ Exhaust Connection	One 3 in (76 mm) port 150 CFM @ 6 in static pressure (255 m ³ /hr at 1.5 kPa).	One 3 in (76 mm) port 250 CFM @ 6 in static pressure (425 m ³ /hr at 1.5 kPa).

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UNIVERSAL
LASER SYSTEMS

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CDRH Class 1 safety enclosure for CO₂ laser³. Class 2 for red laser pointer.

¹ Maximum part size defined as used with 1.5 lens.

² Does not include optional cart.

³ CDRH Class 1 laser safety enclosure provides for safe operation without the need for an interlocked room or protective eyewear.



WARNING: UNIVERSAL LASER SYSTEMS PRODUCTS ARE NOT DESIGNED, TESTED, INTENDED OR AUTHORIZED FOR USE IN ANY MEDICAL APPLICATIONS, SURGICAL APPLICATIONS, MEDICAL DEVICE MANUFACTURING, OR ANY SIMILAR PROCEDURE OR PROCESS REQUIRING APPROVAL, TESTING, OR CERTIFICATION BY THE UNITED STATES FOOD AND DRUG ADMINISTRATION OR OTHER SIMILAR GOVERNMENTAL ENTITIES. FOR FURTHER INFORMATION REGARDING THIS WARNING CONTACT UNIVERSAL LASER SYSTEMS OR VISIT WWW.ULSINC.COM.

ULS laser systems are protected under one or more of U.S. Patents: 5,661,746; 5,754,575; 5,867,517; 5,881,087; 5,894,493; 5,901,167; 5,982,803; 6,181,719; 6,313,433; 6,342,687; 6,423,925; 6,424,670; 6,983,001; 7,060,934; 7,415,051; 7,469,000; 7,715,454; 7,723,638; 7,947,919; 8,101,883; 8,294,062; 8,599,898; 8,603,217; 8,101,883; 8,294,062; 8,599,898; 8,603,217; 9,155,988; 9,263,844; 9,263,845; 9,281,649; 9,346,122; 9,354,630; D517,474. Other U.S. and international patents pending. Made in the U.S.A.

The VLS Desktop system has been awarded U.S. Design Patent No. D517,474 for the unique design of its external cabinet, which also functions as a Class 1 laser safety enclosure.

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