

LP-ZV

3D short-pulse fiber laser marker boasting high marking definition on metal and plastic.



IN Your Future



Information about the laser marking system series LP-ZV

Highlights

3D

3D marking



Short pulse laser



Supports PROFINET



Integrated Z-axis control



Built-in camera



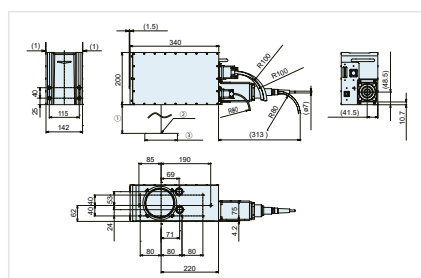
Removable laser head
3-unit configuration

Specifications

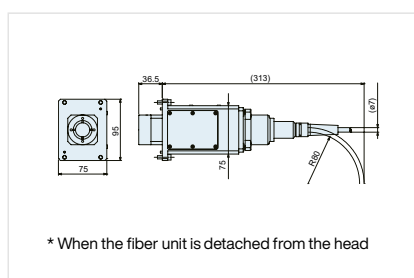
Model		Item	Standard		Large marking field			
		LP-ZV200P	LP-ZV500P	LP-ZV205P	LP-ZV505P	LP-ZV206P	LP-ZV506P	
		Marking laser	Fiber laser $\lambda = 1060\text{nm}$, laser class 4					
		Guide laser	Semiconductor $\lambda = 655\text{nm}$, laser class 2, output class 1mW					
		Output class	20W	50W	20W	50W	20W	50W
		Marking field	125mmx125mm		220mmx220mm		330mmx330mm	
		Work distance	190mm		220mm		330mm	
		3D marking area (Z axis)	50mm ($\pm 25\text{mm}$)					
		System startup time	10s					
		Laser excitation time	1s					
		Scan method	Galvano scanner					
		Scan speed (max.)	12000mm/s				8000mm/s	
		Line speed (max.)	170m/min				120m/min	
		Workpiece positioning	Stationary and on-the-fly marking					
		Fiber cable length	2m	5m	2m	5m	2m	5m
Net weight	Laser head	11kg						
	Controller	12kg						
	Oscillator unit	12kg						
		Degree of protection (laser head)	IP64					

Dimensions

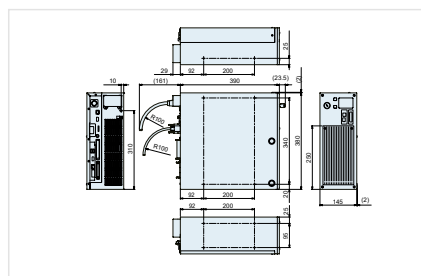
LP-ZV laser head



LP-ZV fiber unit



LP-ZV controller



LP-ZV oscillator

