

LK-Laser Handheld machine-weld clean

LK-23S Parameter Specification Handheld welding machine		LK-21T Parameter Specification Handheld welding machine		LK-23T Parameter Specification Handheld welding machine		LK-20S Parameter Specification Handheld welding machine		LK-22C Parameter Specification Handheld cleaning machine	
Product model	Handheld laser welding head	Product model	Handheld laser welding head	Product model	Handheld laser welding head	Product model	Handheld laser welding head	Product model	Handheld laser welding head
Power class	3000W	Power class	3000W	Power class	3000W	Power class	2000W	Power class	3000W
Scope of application	<=3000W	Scope of application	<=3000W	Scope of application	<=3000W	Scope of application	<=2000W	Scope of application	<=3000W
Collimating focal length	60mm	Collimating focal length	60mm	Collimating focal length	60mm	Collimating focal length	50mm	Collimating focal length	60mm
Focal length	150mm	Focal length	150mm	Focal length	150mm	Focal length	150mm	Focal length	400/600/800mm
Maximum atmosphere	15Bar	Maximum atmosphere	15Bar	Maximum atmosphere	15Bar	Maximum atmosphere	15Bar	Maximum atmosphere	15Bar
Vertical focusing range	±10mm	Vertical focusing range	±10mm	Vertical focusing range	±10mm	Vertical focusing range	±10mm	Vertical focusing range	±10mm
Spot adjustment range	Line 0-8mm	Spot adjustment range	Line 0-8mm	Spot adjustment range	Line 0-5mm	Spot adjustment range	Line 0-8mm	Spot adjustment range	Line 0-150/225/300mm
Applicable wavelength	1070nm	Applicable wavelength	1070nm	Applicable wavelength	1070nm	Applicable wavelength	1070nm	Applicable wavelength	1070nm
Weight	0.7kg	Weight	0.75kg	Weight	0.75kg	Weight	0.8kg	Weight	0.7kg
Function	welding cleaning weld cleaning cutting	Function	welding cleaning weld cleaning cutting	Function	welding cleaning weld cleaning cutting	Function	welding	Function	cleaning
Operating temperature	10-40℃	Operating temperature	10-40℃	Operating temperature	10-40℃	Operating temperature	10-40℃	Operating temperature	10-40℃
Working environment humidity	<70%	Working environment humidity	<70%	Working environment humidity	<70%	Working environment humidity	<70%	Working environment humidity	<70%
Cooling method	by water	Cooling method	by water	Cooling method	by water	Cooling method	by water	Cooling method	by water
Input voltage	220v±10% AC 50/60HZ	Input voltage	220v±10% AC 50/60HZ	Input voltage	220v±10% AC 50/60HZ	Input voltage	220v±10% AC 50/60HZ	Input voltage	220v±10% AC 50/60HZ

Product characteristics

- ①Non-contact cleaning without damage to the part matrix.
- ②No chemical cleaning fluid, no consumables, safe and environmental protection.
- ③High cleanliness, time saving, and stable laser cleaning system.
- ④The weld seam is smooth and beautiful, reducing the subsequent grinding process, saving time and cost.
- ⑤The welding work piece shall be free of deformation, welding scar and firm welding.
- ⑥Laser welding has less consumables and long service life.
- ⑦Safer and more environmentally friendly.

	Material	Aluminium	Stainless steel	Carbon	Galvanized sheet
Power					
1500W		1	1.5	1.5	1.2
2000W		1.2	2	2	1.5

