

BodorWelder 1500 Pro

Spec Sheet

Function¶meter List		BodorWelder1500 Pro Self-cooling Handheld Laser Welding User Guide	
● standard configuration , ○ optional configuration , x No configuration required			
Item		Subitem	
Basic parameter		Output Power	1500W
		Working mode	Continuous/Pulsed
		Dimensions	760mmx325mmx540mm
		Overall weight	55KG
		Operating ambient temperature range	-20℃ ~ +60℃
		Operating environment humidity range	≤90%
		Storage temperature range	-25℃ ~ 65℃
Intelligent function	Quality cutting	Self-cooling - not afraid of high temperature and extreme cold	●
		Constant power continuous light output	●
		Smart control	●
		Laser welding process library	●
Performance	Optical performance parameters	Output power regulation range	1%-100%
		Maximum modulation frequency	5k HZ
		Indication of laser wavelength	650nm
		Output laser wavelength	1075nm±10nm
		Laser response time	10us
		Interface type	QBH
		Collimation focal lenght	50mm
		Focus focal length 150mm	150mm
		Length of optical fiber cable	10m
		Transmission length	10m±0.5m Standard length 10m±0.5m
		Output fiber core diameter	50um
		Bending radius of optical fiber cable	175mm
Configuration	Optical system	Laser head	Bodor
		Laser source	Bodor
	Peripheral system	Wire feeder individually packed	Bodor
		Maximum supported wire weight	25KG
		Cooling method	Self-cooling
		Maximum supported wird feed diameter	1.6mm
	Others	Control mode	Knob control
		Laser protective glasses	●
		Copper muzzle box	Contains 7 copper nozzle, 1 cutting nozzle, 1 graduated tube
Total power capacity/current		4.64KW/21.1A	

