

## CLW-50 Compact Laser Welders

### Welding Materials

- gold, silver, titanium, nickel, monel, stainless steel and others

Technical Specification	CLW-50-60	CLW-50-120
Laser Type	LP Nd:YAG	
Wavelength	1064 nm	
Pulse Energy Max	50 J	
Pulse Power Max	10 kW	
Average Output Power Max	60 W	120 W
Pulse Duration / Pulse Frequenz	0,5-30 mc / 0-20 Hz	
On-Line Power Feedback	Yes	
Beam Transmission:	Opto-Fiber	
Aiming Beam:	5 mW@670nm	
Dimensions LxWxH	60 x 29 x 80 cm	70 x 29 x 84 cm
Weight:	38 kg	46 kg
Power requirements	Single fase 230V/10A 50-60 Hz	Single fase 230V/18A 50-60 Hz



Programmable  
Pulse Shapes



### Focusing Head:

- Flat Top Beam Profile
- Focal Length 90 mm
- Spot Size 0,45–1,2 mm
- Low Spherical Aberration

