

Laser Welding Machine (Toyo ECO-Line)



WY 200A

Technical Specifications

Laser Power	: 200W
Laser Source: Pulsed Nd	: YAG 6mm
Pulse Width	: 0.3-20ms
Pulse Frequency	: 0.1-50Hz
Single Pulse Energy	: 60J
Beam Diameter	: 0.1-3.0mm
Cooling System	: 1P water chiller
Power Consumption	: 6KW
Observing System	: microscope 10X
3 axis of laser	: X=200mm,Y=200mm, Z=100mm,all electrical
3 axis of table	: X=300mm,Y=200mm, Z=150mm,XY manual, Z electrical
Data Memorization	: 10 groups
Illumination	: LED ring lights
Language Display	: English
Shield Gas Supply	: One line quick connection(argon)
Running Environment	: Tem 5°C-30°C, Hum 5%-75%
Dimensions	: 1150*700*1300 + 850*550*670 + 960*760*1150mm
Weight	: 150kg(welder) + 70kg(table) + 75kg(chiller)
Laser head	: 360 degree swing

Optional:

- 1) CCD and monitor
- 2) Magnetic Ball

Features:

- It adopted imported ceramic condenser cavity from UK, high reflectivity, strong power, and extremely long service life.
- This model occupied the largest proportion in domestic market for its proven technology and stable performance.
- It equipped with 1.5P high power special cooling water system is able to support the machine to work longer hours with high power in good condition.
- The base of the worktable uses electric lifting for up and down movement. The moving unit of the worktable is equipped with precise ball bearing bar and linear lead rail. It is light weight and flexible with precise positioning.