

RAYTOOLS

BW210 SERIES

Diode / Fiber Welding Head

Power Rate 1500W



scan it for more details

High Performance

Designed for low-mid-power diode and fiber laser welding market.
Suitable for ferrous and non-ferrous metals.

Efficient Cooling

Both collimating and focusing lens are water-cooled and can work stably for a long time and prolong service cycle.

Excellent Welding Effect

With the optimized optical design, easy to accomplish low-mid-power laser welding job with fast welding speed and high quality.



Various Options

The CCD and Laser vision seam tracking interfaces can be expanded, easier to achieve automatic welding.

High-quality Airflow

With efficient fluid structure design, which can obtain the best protection effect of the molten pool.

Specifications

WD - Diode Version	
- Fiber Interface	QBH , SMA905 , QCS , D80
- Focal length of Collimation / Focusing Lens	50mm / 100mm
WF - Fiber Version	
- Fiber Interface	QBH , QD
- Focal length of Collimation / Focusing Lens	100mm / 200mm
CCD	TYPE-C , TYPE-CS
Clear Aperture	26 mm
Cover Glass	Φ24.9 mm * 1.5 mm
Assist gas pressure	
- Air knife	6bar
- Air Protection	10-25L/min
Weight	~2.6kg (with CCD)

Optional Tip Components

Side Blow / Coaxial



Side Blowing Nozzle



Coaxial Nozzle for WD



Coaxial Nozzle for WF

Specifications subject to change without notice.