

LASER CUTTING HEAD MODEL: BS15K



FEATURES:

- Auto focus control via 0-10V or EtherCAT
- Imported aspherical lens.
- 4-Color LED lamps to monitor interior status
- Optimized X/Y alignment knob to facilitate beam alignment.



- Real-time status of cutting head could be accessed at mobile APP or CNC controller.
- Real-time monitoring to temperature of top/bottom cover glass, focus lens and cavity
- Real-time monitoring to focus position and ready status of bottom cover glass
- Real-time monitoring to cutting gas pressure and cavity pressure.
- Patented water cooling design of nozzle assembly.
- Standard QD/Q+/LOE interfaces to work with different fiber lasers

RELATED PARAMETERS :

Type	: Flat Cutting
Series	: BeamMotion Series
Wavelength	: 1080 nm
Fiber interface	: QBH, QD, Q+, LOE
Power rating	: 15000W
NA max	: 0.14
Collimation length	: 100mm
Focusing length	: 200mm
Auto focus Range	: -40mm ~ +40mm (FL200)
Cover glass	
- Top	: $\Phi 24.9$ mm * 1.5 mm
- Middle/Bottom	: $\Phi 37$ mm * 7 mm
Humidity	: 30%-95% without condensation
Assist gas pressure	: ≤ 30 bar
Operating Temperature	: 5°C - 55°C

