

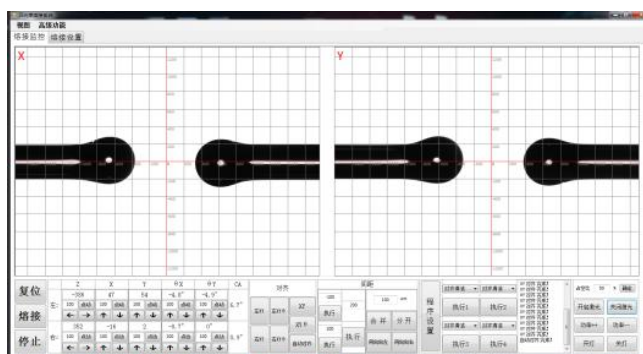
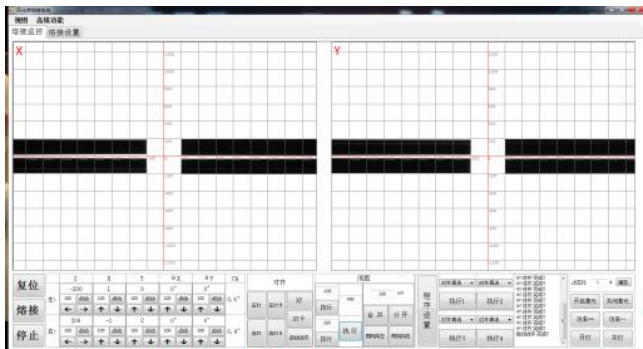
## CO2 Fiber Laser Splicing System (XQ7210)

### Product Description:

XQ7210 is a large diameter optical fiber fusion system based on four beams heat source that developed by OSCOM Technology. The system can splicing fibers from 50-2500um with fast, accurate and stable way. XQ7210 is suitable for making high power combiner, fiber end-caps and single taper fiber. The system is stable and reliable, easy to use, and the application is flexible.

### Features:

- Four Beams Cross Heat
- It can realize high quality of splicing round and cylinder endcap
- Ten Vdoing fiber or endcap position dynamic adjustment
- Specified endcap holder, the diameter can be customized
- It can realize splicing photonic crystal fiber and endcap
- Professional microscope magnification imaging system combined with software system for welding process control
- High precision drive motor and guide rail system



Address: 5F, Building 2, Invengo Industrial Park, TongGuan Road, GongMing Street, GuangMing New District ShenZhen, China

Website: [www.szosc.com](http://www.szosc.com)

Phone: +86-755-83118073

Fax: +86-755-83272391

E-mail: [sales@szosc.com](mailto:sales@szosc.com)

**Technical Specification:**

Specification	Value
Laser Power	30W
Distribution of the Laser	Four Beams, approximate cross distribution
Fiber Fusion Range	80-2500um
CCD View	3.5*2.6mm/Customization
X/Y Axes Alignment Accuracy	1um
X/Y Axes Motion Range	13mm
θ Axes Alignment Accuracy	0.1°
θ Axes Motion Range	±5°
Z Axes Accuracy	1um
Z Axes Motion Range	One-sided 50mm
Alignment Type	Cladding
Operating Temperature(℃)	0~+40
Storage Temperature(℃)	-20~+70
Power Supply	AC 100~240V/50-60Hz
Dimensions(L x W x H)	900x560x1150mm