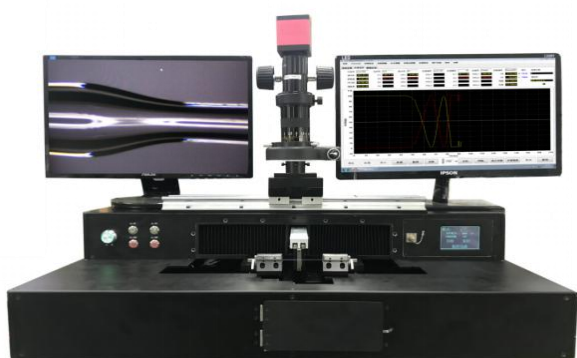


Graphite Fiber Combiner Tapering Machine (XQ7190)

☆ Product Description:

XQ7190 is mainly producing high power optical fiber combiner, the heat source is upgraded from hydrogen and oxygen flame to graphite heating. The machine can taper optic fiber with glass tube to realize the fabrication of high power fiber combiner. XQ7190 is rich in functions, including the extension of taper length (200~500mm). This fiber combiner tapering machine with the design of unilateral tapering/reverse tapering/fixed scanning or tracing scanning, accelerated tapering or decelerated tapering, configured with specific optic fiber glass tube for fiber clamps and graphite heater, high resolution measuring CCD microscope, large diameter in-line cleaver and in-line tension test. XQ7190 is stable and reliable, easy to use, and all the functions of the machine can be configured according to requirement.



☆ Technical Specifications:

Parameters	Unit	Value
Taper Length	mm	18~200 / 18~400 / 18~500
Scanning Width	mm	±50~100
Taper Speed	μm/s	0~1000
Taper Accuracy	μm	0.1
Scanning Accuracy	mm/step	0.02
Motion Accuracy of Packaging Stage	mm/step	0.02
Graphite Parts	Φ	1.6
Tension Mode	-	Unilateral/Reverse/Same Direction Tapering
Photo Detector	-	InGaAs
Wavelength Range	nm	800~1700
Dynamic Range of Optical Power Detection	dBm	-60~+3
Resolution of Optical Power Detection	dB	0.01
Operation Environment	-	Temperature: 23±2℃ / Humidity: 50~60%RH
Power Supply	-	AC100~240V/50~60Hz/5A
Dimensions (L×W×H)	mm	800×550×250

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☆ **Ordering Information:**

Product Type	XQ7190	
Application	N+1X1 High Power Fiber Combiner	Optical Fiber Rod Tapering
Configurations	Graphite Heater N+1X1 Fiber Holder 1 Channel PD	Separated Heater (Ceramics) Customized Fiber Holder 1 Channel PD

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