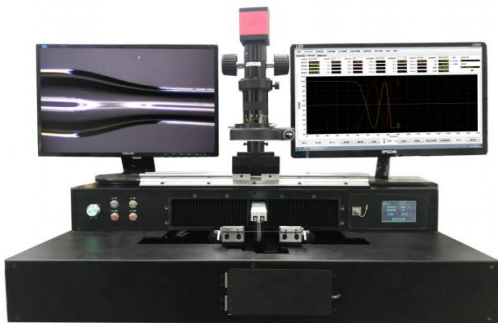


Integrated Fiber Combiner Tapering Workstation (XQ71A0)

☆ Product Description:

XQ71A0 is integrated with many functions of OSCOM tapering machine, the fiber combiner tapering machine is consist of hydrogen with oxygen flame and graphite heating. The machine can satisfy a variety of products research and development, including: optical fiber coupler, WDM, PM optical fiber coupler, optical fiber combiner, PM optical fiber combiner, high power pump fiber combiner, micro-nanofiber, optical fiber beam expansion, optical glass rod tapering ect. XQ71A0 is rich in functions, including the extension of taper length 200mm. This fiber combiner tapering machine with the design of unilateral tapering/reverse tapering/same direction tapering, accelerated tapering or decelerated tapering, it is with high resolution measuring CCD microscope and in-line tension test. XQ71A0 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
Scanning Width	mm	±50
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
Range of H2 Gas Flow	sccm	0~1000
Range of O2 Gas Flow	sccm	0~500
Graphite Parts	Φ	1.6
Tension Mode	-	Unilateral/Reverse/Same Direction Tapering
Photo Detector	-	InGaAs
Wavelength Range	nm	400~1700
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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