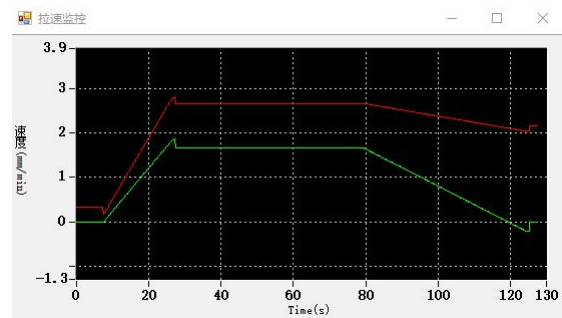
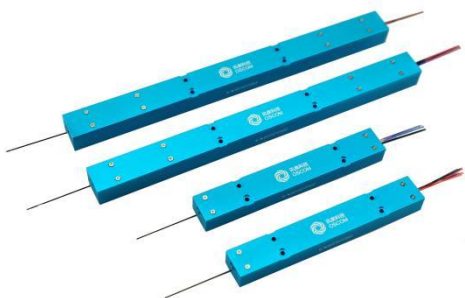


Multi-mode Fiber Taper (XQ7180)

☆ Product Description:

XQ7180 is mainly used to make higher power 3*1、4*1、(6+1)x1、7*1 etc. signal pump optical fiber combination device and special cone fiber rods. The main feature is tapering screw stroke lengthened (200-500mm). The holder has unilateral /reverse/same direction tapering mode and the speed of holder can make uniform and accelerated/decelerated movement, and equipped with special optical fiber clamps and water-cooled heaters, high-definition measurement CCD microscope, large diameter on-line cleaver and on-line tension testing function, can achieve the production of a variety of specifications of optical combiners. XQ7180 is stable, reliable, easy to operate and can increase or decrease function according to the customer's needs.



☆ Specifications:

Parameters	Unit	XQ7181	XQ7182
Stretch Spacing	mm	18-200 / 18-500	
Heater scan width	mm	±50 / ±100	
Unilateral stretching speed	μm/s	0-1000	
Unilateral Holder Motion Accuracy	μm	0.1 / 0.8	
The Left And Right Sides Heater Motion Accuracy	mm/step	0.02	
Packaging Table Motion Accuracy	mm/step	0.02	-

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Heating Temperature Of The Package Table	℃	30~300	-
On-line Cutting	-	-	Truncation
Cutting Range	μm	-	80~1500
Cutting Angle	-	-	±0.5°
Cutting Way	-	-	Progressive cutting
Tension Range	gf	-	Max: 5000
Hydrogen Flow Range	sccm	0-300 / 0-500 / 0-1000	
Oxygen Flow Range	sccm	0-100 / 0-300 / 0-500	
Tension Monitoring	-	Real-time display	
Stretch Type	-	Unilateral /reverse/same direction tapering	
Scan Pattern	-	Fixed /Tracing scan	
Holder Acceleration Range	mm/min ²	0-200	
Detector Type	-	InGaAs/Si	
Wavelength Range	nm	800-1700/400-1100	
Optical Power Detection Dynamic Range	dBm	-60 - +3	
Optical power measurement resolution	dB	0.01	
Working Condition	-	Temperature: 23±2℃ / Humidity: 50-60%RH	
Working Power Supply	-	AC100-240V/50-60Hz/5A	
Dimensions (L×W×H)	mm	800×550×230/1100×550×230	
Weight	KG	60	

☆ Ordering Information:

Device Type	XQ7181	XQ7182
Application Type	(N+1) ×1/N×1 Fiber optical combiner	(N+1) ×1/N×1 Fiber optical combiner/Fiber rod tapering
Main Configuration	Separated heater (ceramics) (N+1)×1/N×1 Fiber holder Heating packaging table 1-channel optical power detector	Separated fire head(ceramics) /Water-cooling heater (N+1) ×1/N×1 Fiber holder/Glass rod holder on-line cleaver on-line tension test 1-channel optical power detector