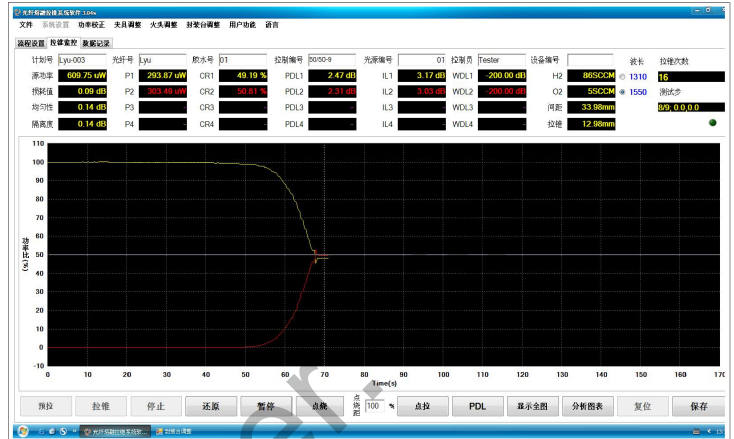
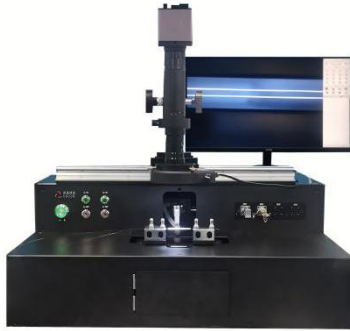


## Polarization Maintaining Coupler Fiber Taper (ST2020)

### ☆ Product Description:

ST2020 is mainly used for making polarization maintaining  $1 \times 2/2 \times 2/1 \times 3/3 \times 3$ /WDM optical fiber splitter, including flexible adjustment of various splitting ratio and wavelength. ST2020 adopts special method to align panda eyes of panda fiber to realize the manufacturing of high extinction ratio devices, integrates extinction ratio testing system to further improve the production efficiency. ST2020 is sStage , reliable and easy to use.



### ☆ Specifications:

Parameters	Unit	Index Specification
Tapering Spacing	mm	18-60
Heater Scan Width	mm	±15
Unilateral Tapering Speed	μm/s	0-800
Fiber Holder Movement Resolution	μm	0.1/0.8
Heater Left & Right Movement Resolution	mm/step	0.02
Packaging Stage Movement Resolution	mm/step	0.02
Hydrogen Flow Range	sccm	0-300
Oxygen Flow Range	sccm	0-100
Detector Type	-	InGaAs
Wavelength Range	nm	800~1700
Optical Power Detection Dynamic Range	dBm	-60 - +3
Optical Power Measurement Resolution	dB	0.01
Operating Environment	-	Temperature: 23±2°C /Humidity: 50-60%RH
Operating Power Supply	-	AC100-240V/50-60Hz/5A
Dimensions (L×W×H)	mm	610×500×230
Weight	KG	53

☆ **Ordering Information:**

Device Type	ST2021	ST2022	ST2023
Application Type	polarization maintaining 1×2/2×2 coupler	polarization maintaining 1×3/3×3 coupler	polarization maintaining 1×2/2×2 coupler
Main Configuration	Hybrid heater 1×2/2*2 fiber holder 2-channel optical power detector	Hybrid heater (glass) 1×3 fiber holder 3-channel optical power detector	Hybrid heater 1×2 fiber holder Integrated extinction ratio testing system

