

RECOGNIZED WORLD LEADER IN FIBER OPTIC TECHNOLOGY
 QUALITY FIBER COMPONENTS, EQUIPMENT, & SUPPLIES

Product Data Sheet

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SFP-550 Polishing Machine



Features & Benefits

- Dual APC & PC polishing
- Designed for high volume manufacturing
- Accommodates most styles of connectors
- Quick change tooling
- APC back reflection as low as -70 dB UPC back reflection as low as -60 dB
- Insertion loss 0.2 dB typical
- Super centering accuracy
- Low undercut
- Excellent connector endface polishing quality

Powerful and ruggedly constructed, the patented SFP-550 PC and APC polishing machine is ideal for high volume production applications. It delivers precise processing and high throughput reliably, with low maintenance requirements. Using recommended processes, it meets the most demanding specifications of domestic and international standards bodies.

The SFP-550 is designed for FC, SC, ST and other connector types with 80 angled convex polish (APC) and Ultra PC polish (UPC). Up to 18 connectors can be polished simultaneously.

Standard connector holders are available in FC and ST styles for 12 and 18 connectors and in SC style for 10 connectors, with other styles available. Standard holders are available for APC and PC ferrule polish for those applications where polishing is required on ferrules prior to assembly into connectors. Custom holders are available for a variety of applications.

Standard Package

Description	Part Number	Qty
Main Body	SFP-550	1
Cable Holder	15305-3	1
Operating Manual	N/A	1
Process Manual	N/A	1
Maintenance Manual	M/A	1
5 mm Convex Pad	PR5X-500-80	4
4.8 mm Convex Pad	PR5X-480-80	4
4.9 mm Convex Pad	PG5X-490-00	2
0.05 mm Spacer Film	15303-05	2
Epoxy Removal Film	GA5D	50
Rough Polish Film	DR5D	2
Middle Polish Film	DM5D	2
Final Polish Film	SF5D	50
Compression Spring	15305-1	10
Allen Wrench	15305-2	1
Double-sided Tape	FP-DST	1
2 Amp Fuse	FP-F2A	10





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Specifications

Type	High Volume, Installation
Pressure Source	Coil Spring
Polishing Capacity (max)	20
Dimensions	230 x 255 x 230mm
Weight	16(23.5)kg
Input Voltage	100-120VAC, 50/60Hz or 220-240VAC, 50/60Hz
Application	Ø 2.5mm PC, APC Ø 12.5mm PC, APC MT, mini-MT

Ordering Information

SFP-550 Seikoh Giken SFP-550 Polishing Machine

Accessories

15303-02.5	Spacer Film 0.025mm (20pcs/set)	PH55-FX-H01	Polishing Fixture Holder
15303-5	Spacer Film 0.05mm (20pcs/set)	PR5X-480-80	Rubber Pad, 5 Disk, 4.8 mm Thick, 70 Deremeter
15305-2	SFP-550 Allen Wrench Set	PR5X-500-00	Rubber Pad, 5 Disk, 5.0 mm Thick
FP-50070	Plastic Bottle	PR5X-500-70	Rubber Pad, 5 Disk, 5.0 mm Thick, 70 Deremeter
FP-55CH	SFP-550 Cable Holder	PR5X-500-80	Rubber Pad, 5 Disk, 5.0 mm Thick, 80 Deremeter
FP-DST	Double Sided Adhesive Tape	PR5X-500-90	Rubber Pad, 5 Disk, 5.0 mm Thick, 90 Deremeter
FP-GS	Grease (27g x 5)	PR5X-505-70	Rubber Pad, 5 Disk, 5.05 mm Thick, 70 Deremeter
P0400174	SFP-550 Grease	PR5X-505-80	Rubber Pad, 5 Disk, 5.05 mm Thick, 80 Deremeter
PG5X-480-00	Glass Pad, 5 Disk, 4.8 mm Thick	PR5X-510-80	Rubber Pad, 5 Disk, 5.10 mm Thick, 80 Deremeter
PG5X-490-00	Glass Pad, 5 Disk, 4.9 mm Thick	PR5X-517-90	Rubber Pad, 5 Disk, 5.17 mm Thick, 90 Deremeter



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Connector Holders

10 Position

PH55-CP-10	SC	PH55-CP8A-10-AMP	SC/APC for AMP Connectors
PH55-CP-10-AMP	SC for AMP Connectors	PH55-CP9A-10	SC/APC

12 Position

PH55-D4CP-12	D4 (Crimp)	PH55-FP8R-12-AMP	FC/APC
PH55-EF-12-H	E2000/PC	PH55-HMT-12	Outer Holder for MT Ferrule
PH55-EF8A-12-H	E2000/APC	PH55-LP-12	LC
PH55-FF-12	PC Ferrule Holder	PH55-MT-12	Inner Holder for MT Ferrule
PH55-FF8A-12	APC Ferrule Holder	PH55-MT8A-12	Inner Holder for MT/APC Ferrule
PH55-FML-12	MU or LC Ferrule PC	PH55-MTRJ-12	Inner Holder for MT-RJ Ferrule
PH55-FP-12	FC	PH55-PL-12	IPC LC
PH55-FP12R-12	FC/APC	PH55-PM-12	MU
PH55-FP8R-12	FC/APC 2.0mm Key	PH55-SP-12	SC
PH55-F0262-910	LX.5 APC IPC		

16 Position

PH55-FLM-16	IPC PC 1.25mm Ferrule
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18 Position

PH55-CP8A-18	Step SC/APC IPC	PH55-FF8A-18-1.5	IPC APC 2.5mm Ferrule
PH55-CP8C-18	Conical SC/APC IPC	PH55-FP8R-18	FC/APC
PH55-FF-18	PC Ferrule Holder	PH55-FP8RC-18-I	IPC Conical FC/APC 2mm Key
PH55-FF8A-18	APC Ferrule Holder	PH55-SP-18	SC

20 Position

PH55-CP-20	SC IPC	PH55-FP8R-18-I	IPC Step FC/APC 2mm Key
PH55-FF-20	IPC PC 2.5mm Ferrule	PH55-LP-20	LC
PH55-FP-20	FC IPC	PH55-PL8A-20	IPC LC/APC
PH55-FP8N-18-I	Step FC/APC 2.14mm Key IPC	PH55-PM8A-20	IPC MU/APC
PH55-FP8NC-18-I	Conical FC/APC 2.14mm Key IPC	PH55-SP-20	IPC ST

24 Position

PH55-PL-24	IPC LC	PH55-PM-24	IPC MU
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