

**Manufacturer:**

Seikoh Giken

Product Name:

Seikoh Giken SFP-550 IPC APC 18-Port 2.5mm Step Ferrule SC/FC Connector Holder, 1.5mm Flange

Manufacturer Part Number:

PH55-FF8A-18-1.5

[Learn More](#)

Click here for more details on the Seikoh Giken SFP-550 IPC APC 18-Port 2.5mm Step Ferrule SC/FC Connector Holder, 1.5mm Flange

SFP-550 Polishing Machine



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 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.

Features and 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

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

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice. FOC last update 06/21/2026.

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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

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
15303-02.5	Spacer Film 0.025mm (20pcs/set)	15303-5	Polishing Fixture Holder

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Connector Holders

12 Position

PH55-F0262-910

LX.5 APC IPC

16 Position

PH55-FLM-16

IPC PC 1.25mm Ferrule

18 Position

PH55-CP8A-18

Step SC/APC IPC

PH55-CP8C-18

Conical SC/APC IPC

PH55-FF8A-18-1.5

IPC APC 2.5mm Ferrule

20 Position

PH55-CP-20

SC IPC

PH55-FF-20

IPC PC 2.5mm Ferrule

PH55-FP-20

FC IPC

PH55-FP8N-18-I

Step FC/APC 2.14mm Key IPC

PH55-FP8R-18-I

PH55-LP-20

PH55-SP-20

PH55-PM8A-20

IPC Step FC/APC 2mm Key

LC

IPC ST

IPC MU/APC

24 Position

PH55-PL-24

IPC LC

PH55-PM-24

IPC MU

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