

**Manufacturer:**

Seikoh Giken

**Product Name:**

Seikoh Giken SFP-550 IPC 24-Port 2.1mm Wide Key Conical Ferrule FC/APC Connector Holder, 35° Chamfer Angle

**Manufacturer Part Number:**

PH55-FP8NC-24

[Learn More](#)[Click here for more details on the Seikoh Giken SFP-550 IPC 24-Port 2.1mm Wide Key Conical Ferrule FC/APC Connector Holder, 35° Chamfer Angle](#)

## 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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Product specifications and data are subject to change without notice. FOC last update 03/25/2026.

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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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