



SFP-550C

***EZ-Maintenance
High Speed
Mass Production
Polishing Machine***

EZ-Maintenance

- Special surface treatment is applied on turntable & support ring to extend service life.
- Changed pressurizing unit design for easier spring and knock pin replacement
- Changed design of turntable and support ring to prevent water intrusion

These features can improve mechanical durability and reduce frequency of maintenance (height adjustment, knock pin replacement and grease replacement)

Fast Rotation Speed

30% Faster than SFP-550B

Other Features

- Compatible with existing SFP-550 holders
- Exceeds requirements for GR-326 End Face Geometry
- Uses the Seikoh Giken Patented rotation & revolution method.
- I.P.C. holder technology yields the best results in the industry.
- No variability in result when polishing 1 or 48 connectors.
- Polishes up to 48 connectors w/ LC, 40 for MU, 32 for SC and 28 for ST.
- Efficient and fast processes for all connector types..

SFP-550C Optical Fiber Polishing Machine

Data Sheet

Available Fixtures*, Films & Pads

Description:	Platinum Holder Part #
FC/PC I.P.C. Polishing Plate	PH55-FP-20
FC/APC I.P.C. Polishing Plate	PH55-FP8*-18-I
SC/PC I.P.C. Polishing Plate	PH55-CP-20
SC/APC I.P.C. Polishing Plate	PH55-CP8*-18-I
ST/PC I.P.C. Polishing Plate	PH55-SP-20
LC/PC I.P.C. Polishing Plate	PH55-PL-24
LC/APC I.P.C. Polishing Plate	PH55-PL8A-20
MU/PC I.P.C. Polishing Plate	PH55-PM-24
MU/APC I.P.C. Polishing Plate	PH55-PM8A-20
2.5mm ferrule Polishing Plate	PH55-FF-20
1.25mm ferrule Polishing Plate	PH55-FLM-16

*Must specify step or conical ferrule for FC & SC Angled
*Tolerance of APC holder key error is +/-1.0 degree.

Description:	MT Holder Part #
Outer plate for MT or MT-RJ	PH55-HMT-12C
MT Polishing Plate	PH55-MT-12B
MT/APC Polishing Plate	PH55-MT8A-12B
MT-RJ Polishing Plate	PH55-MTRJ-12B

FC, SC, ST, D4, E2000 (H&S) or Customized plates available Upon request.

Please contact for connector types not listed

Description:	Film Part #
30um Silicon Carbide	GA5D
9um Diamond	DR5D-9U
3um Diamond	DH5D-3U
1um Diamond	DJ5D-1U
Silica	XF5D

Description:
Rubber & Glass Pads Available for various Hardness & Thickness (ask for details):
60, 65, 70, 75, 80, 85 & 90 durometer
4.8, 4.9, 5.0, & 5.05 mm thickness
5" diameter

Mega-axis I.P.C. Fixtures are available as well for FC, SC, ST, MU, & LC
Up to 48 connectors polishing at once

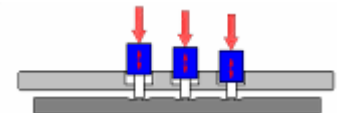


PH55-CP8A-32N SC/APC 32 connector fixture

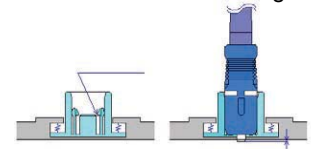


PH55-PL-24 LC/PC 24 connector fixture

*I.P.C. Fixtures Independent Pressure Control Technology



Self Adjusting Pressure / Ferrule length



Good end-face & 3D regardless of connector dimension!

Specifications

Applicable Conn.:	FC, SC, ST, LC, MU, D4, E2000(Zr. Type), MT, MT-RJ 8 deg. or 0 deg.
Polishing Time:	2.0 min for D2.5 PC and 3.7 min for D2.5mm APC
Weight:	18Kg
Dimensions:	250W x 305D x 240H(mm)
Power:	100-120VAC, 50/60Hz or 220-240VAC 50/60Hz
Motor Speed:	100rpm revolution, 1.8rpm rotation
Film size:	5"
Polishing Method:	Rotation & Revolution (Patent # 4979334)
Timer:	Manual or Digital (selectable)

Standard Package

Descriptions	P/N	Qty
Accessories		
Coil spring	RP55C-14	4
2A fuse	RP55-56	2
Hexagon wrench L	RP55C-71	1
Hexagon wrench S	RP55C-72	1
M5-45 bolt	RP55C-73	1
Power cable	RP55-30	1
Cable hanger	FP-CH	1
Manuals		
Operation manual	FP-IM55C	1
Process manual	FP-PM55C	1
Maintenance manual	FP-MM55C	1