

POLISHING SOLUTIONS

SFP-560A

“Programmable Pneumatic Active Pressure”

Seikoh Giken’s SFP-560A provides high volume assemblers with an ultra ruggedized polisher for 24/7/365 operation. Mechanical durability, low operational costs and reduced maintenance requirements offer near zero downtime for maximum return on investment.



Features / Benefits

- ✧ Open workspace design offers creative handling solutions for Multi-Fiber, large O.D. cables
- ✧ IPC mode: Independent Pressure Control
 - High Capacity, Mega-Axis Single-Fiber polishing
- ✧ Dynamic Pressure Control (Pat. Pending)
 - Pneumatic, Pressurized Turntable pressurize from the bottom to the top for Multi-Fiber, Arrays, Waveguides
- ✧ Multi-fiber ferrule epoxy removal can be done by SFP-560A; performs MT polishing similar simplicity to standard single fiber polishing
- ✧ Process programmable (up to 60 processes)
- ✧ Data Transfer via USB Interface
- ✧ Backwards Compatible with SFP-550 Legacy fixtures and processes
- ✧ Suitable for cellular manufacturing system.

Specifications

Weight:	22Kg (48.5lbs)
Dimensions:	240W x 370D x 300H (mm)
Polishing Method:	Rotation & Revolution
Pressure Control:	2N to 200N in DPC mode
Power:	100-240 VAC, 50/60H
Required Air:	0.6MPa to 0.8MPa
Motor Speed:	Revolution: 70 to 200rpm Roration: 1/100 of rev. speed
Film and Pad Size:	5" (127mm)

New Technology
~ DPC: Dynamic Pressure Control ~
(Patent Pending)



**High Volume Mass-production
 D.P.C. Polishing Technology**

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► SFP-560A Standard Package ◀

Description	Part Number	Qty
Main Unit	SFP-560A	1
2A Fuse (in fuse holder)	RP55-56	1
M3×60-SUS Bolt	M14-00096	2
Power Cable	RP55-30	1
Cable Hanger	FP-CH	1
USB Memory	FP-USB	1
Check Valve	FP-CV	1
Operating Manual	FP-IM56A	1
Polishing Process Manual	FP-PM56A	
Maintenance Manual	FP-MM56A	

► Polishing Consumables ◀

ZR POLISHING FILMS

Description	Part Number	Qty/set
Height Adjustment Polishing	GA5D	500
Rough Polishing, 9µm Diamond	DR5D-9U	20
Medium Polishing, 3µm Diamond	DH5D-3U	20
Second Polishing, 1µm Diamond	DJ5D-1U	20
Final Polishing, Silica	XF5D	100

MT POLISHING FILMS

Description	Part Number	Qty/set
Adhesive Removal & Leveling	GC5D	50 or 500
Rough Polishing	AR5D	50 or 500
Fiber Protrusion	GH5D	50 or 500
Finishing	FM5D-SOAP	50

PADS

Description	Part Number	Qty/set
5.0mm, 0 Duro Sponge Pad	PS5X-500-SR	3
5.0mm, 65 Duro Rubber Pad	PR5X-500-65	3
5.0mm, 70 Duro Rubber Pad	PR5X-500-70	3
5.0mm, 75 Duro Rubber Pad	PR5X-500-75	3
5.0mm, 80 Duro Rubber Pad	PR5X-500-80	3
5.0mm, 90 Duro Rubber Pad	PR5X-500-90	3
Tacky Glass Pad (PSA not required)	PG5X-490-SR2	3

► Available Fixtures ◀

I.P.C. HOLDERS

Description	Part Number
FC/PC 20 or 24-axis	PH55-FP-20 or 24
FC/APC Step Narrow Key: 2mm 18 or 24-axis	PH55-FP8R-18-I or 24
FC/APC Step Wide Key: 2.14mm 18 or 24-axis	PH55-FP8N-18-I or 24
FC/APC Conical Narrow Key: 2mm 18 or 24-axis	PH55-FP8RC-18-I or 24
FC/APC Conical Wide Key: 2.14mm 18 or 24-axis	PH55-FP8NC-18-I or 24
SC/PC 20 or 32-axis	PH55-CP-20 or 32
SC/APC Step 18, 24 or 32-axis	PH55-CP8A-18, 24 or 32
SC/APC Conical 18, 24 or 32-axis	PH55-CP8C-18, 24 or 32
ST/PC 20 or 28-axis	PH55-SP-20 or 28
LC/PC 24, 40 or 48-axis	PH55-PL-24, 40 or 48
LC/APC 20, 24, 40 or 48-axis	PH55-PL8A-20-B, 24, 40 or 48
LC/PC High Pressure 24, 40, or 48-axis	PH55-PL-24HP, 40HP, or 48DHP
LC/APC High Pressure 20, 24, 40, or 48-axis	PH55-PL8A-20HP-B, 24HP, 40HP, or 48HP
LC/PC Duplex 32 or 48-axis	PH55-PL-32DHP or 48DHP
LC/APC Duplex 32-axis	PH55-PL8A-32DHP-POR
MU/PC 24 or 40-axis	PH55-PM-24 or 40
MU/APC 20-axis	PH55-PM8A-20
2.5MM Ferrule/PC 20 or 40-axis	PH55-FF-20 or 40
1.25mm Ferrule/PC 16, 24, 40 or 48-axis	PH55-FLM-16, 24, 40 or 48

MT HOLDERS & ACCESSORIES

Description	Part Number
MT/PC 12 or 24-axis	PH55-MT-12S1 or 24S1
MT/APC 12 or 24-axis	PH55-MT8A-12S1 or 24S1
MT/PC One-Lever Action 24-axis	PH55-MT-24SQ1
MT/PC Re-polishing	PH55-MT-12R1
MT/PC Mega-axis	PH55-MT-36S1
Torque Wrench	N3LTDK-MT
Cleaning Brush	MT-P-BRS-B

