

**Manufacturer:**

Seikoh Giken

Product Name:24-Port MDC/APC Connector DPC Polishing Holder for
Seikoh Giken SFP-560A Polishing Machine**Manufacturer Part Number:**

PH55-MDC8A-24FX

[Learn More](#)[Click here for more details on the 24-Port MDC/APC Connector DPC Polishing Holder for Seikoh Giken SFP-560A Polishing Machine](#)

Click the thumbnail below to navigate to the datasheet.



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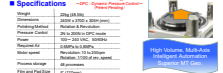


Features / Benefits

- SFP-560A3 model offers:
 - Conveniently input Data, Pol. Pad, Liquid etc. can be done with barcode scanner and touch panel. (Changes 100 service life)
 - "Auto-learn" feature manages polishing time as per usage. Provides more uniform geometry and extend life usage.
 - Precision stop-and-go function mode available for each polishing step.
 - Water spray adjustment range: 10-100 gpm.
- Automatically controlled by host interface. Modulus TCP/IP.



SFP-560A3	
Model	SFP-560A3
Polishing Head	24-Port MDC/APC Connector DPC Polishing Holder
Polishing Pad	100mm x 100mm x 1mm (Standard)
Polishing Liquid	100ml x 100ml x 1mm (Standard)
Polishing Time	100min (Standard)
Polishing Speed	100mm/min (Standard)
Polishing Pressure	100psi (Standard)
Polishing Temperature	100°C (Standard)
Polishing Humidity	100% (Standard)
Polishing Environment	100% (Standard)



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Polishing Pressure	100psi (Standard)
Polishing Temperature	100°C (Standard)
Polishing Humidity	100% (Standard)
Polishing Environment	100% (Standard)

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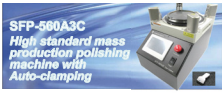
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[560A3](#)



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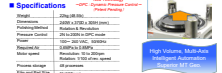


Features / Benefits

- Auto-clamping polisher for less operator dependency. "SFP-560A3C" model offers:
 - Conveniently input Data, Pol. Pad, Liquid etc. can be done with barcode scanner and touch panel. (Changes 100 service life)
 - "Auto-learn" feature manages polishing time as per usage. Provides more uniform geometry and extend life usage.
 - Precision stop-and-go function mode available for each polishing step.
 - Water spray adjustment range: 10-100 gpm.
 - Automatically controlled by host interface. Modulus TCP/IP.



SFP-560A3C	
Model	SFP-560A3C
Polishing Head	24-Port MDC/APC Connector DPC Polishing Holder
Polishing Pad	100mm x 100mm x 1mm (Standard)
Polishing Liquid	100ml x 100ml x 1mm (Standard)
Polishing Time	100min (Standard)
Polishing Speed	100mm/min (Standard)
Polishing Pressure	100psi (Standard)
Polishing Temperature	100°C (Standard)
Polishing Humidity	100% (Standard)
Polishing Environment	100% (Standard)



SFP-560A3C	
Model	SFP-560A3C
Polishing Head	24-Port MDC/APC Connector DPC Polishing Holder
Polishing Pad	100mm x 100mm x 1mm (Standard)
Polishing Liquid	100ml x 100ml x 1mm (Standard)
Polishing Time	100min (Standard)
Polishing Speed	100mm/min (Standard)
Polishing Pressure	100psi (Standard)
Polishing Temperature	100°C (Standard)
Polishing Humidity	100% (Standard)
Polishing Environment	100% (Standard)



SFP-560A3C	
Model	SFP-560A3C
Polishing Head	24-Port MDC/APC Connector DPC Polishing Holder
Polishing Pad	100mm x 100mm x 1mm (Standard)
Polishing Liquid	100ml x 100ml x 1mm (Standard)
Polishing Time	100min (Standard)
Polishing Speed	100mm/min (Standard)
Polishing Pressure	100psi (Standard)
Polishing Temperature	100°C (Standard)
Polishing Humidity	100% (Standard)
Polishing Environment	100% (Standard)

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**■ Features / Benefits****"SFP-560A3" model offers;**

- Consumables info input: Entry of Film, Pad, Liquid info can be done with barcode scanner and touch panel - Manages Film service life
- "Add time" feature manages polishing time as per usage - Provides more uniformed geometry and extend film usage
- Pressure ramp-up and Fixed Height Mode available for each polishing step
- Wider speed adjustment range : 10- 200 rpm
- Network connection by two methods: Modbus TCP/IP



Interface of A3C model consumables info input & control

■ Specifications

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

Weight	22kg (48.5lb)
Dimensions	240W x 370D x 305H (mm)
Polishing Method	Rotation & Revolution
Pressure Control	2N to 200N in DPC mode
Power	100~ 240 VAC, 50/60Hz
Required Air	0.6MPa to 0.8MPa
Motor speed	Revolution: 10 to 200rpm Rotation: 1/100 of rev. speed
Process storage	48 processes
Film and Pad Size	5" (127mm)



High Volume, Multi-Axis
Intelligent Automation
Superior MT Geo.

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SFP-560A3 Standard Package

Description	Part Number	Qty
Main unit	SFP-560A3	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	RP56A-24	1
Barcode scanner	FP-SCN56-A	1
Operation manual	FP-IM56A3	1
Process manual	FP-PM56A3	1
Maintenance manual	FP-MM56A3	1

Available Polishing Consumables

POLISHING FILMS FOR ZR POLISHNG

Description:	Film Part #
30um Silicon Carbide	GA5D
30um Diamond	EDA5D-30U
9um Diamond	EDR5D-9U
5um Diamond	EDG5D-5U
3um Diamond	EDH5D-3U
1um Diamond	EDJ5D-1U
Silica	XF5D

Other types of films and liquid are also available up on request*POLISHING FILMS FOR MT POLISHNG**

Description:	Film Part #
Adhesive Removal & Leveling	GC5D
Rough polishing	AR5D
Fiber protrusion	GH5D
Finishing	FM5D-SOAP-2

**Consumables for slurry polishing are also available upon request*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 All for 5" diameter

For MT polishing, PG5X-490-SR3, tacky glass pad is available, which PSA backing is no longer needed.

Available Fixtures & Accessories

I.P.C. HOLDERS

Description:	Holder Part #
FC/PC	PH55-FP-20 or 24
FC/APC (Step or Conical)	PH55-FP8*-18-I or 24
SC/PC	PH55-CP-20, 24 or 32
SC/APC (Step or Conical)	PH55-CP8*-18-I or 24 or 32
ST/PC	PH55-SP-20 or 28
LC/PC Simplex & Duplex	PH55-PL-48DHP or 54DHP
LC/APC High Pressure	PH55-PL8A-48HP or 54HP
LC/APC Duplex	PH55-PL8A-32DHP-POR

VSFF Connectors *New*

CS/PC	PH55-CS-20
CS/APC	PH55-CS8A-18
MDC/PC	PH55-MDC-24
MDC/APC	PH55-MDC8A-24
SN/PC	PH55-SN-24
SN/APC	PH55-SN8A-24
MDCJR/APC	PH55-MDCJR8A-24
SNJR/APC	PH55-SNJR8A-24
SNCOM/APC	PH55-SNCOM8A-24
IP16/SN Ferrule / PC	PH55-F0423-700

FIXED D.P.C. HOLDERS (SFP-560A series only) *New*

Description:	Holder Part #
Conical SC/APC	PH55-CP8C-16FX
OptiTap	PH55-OPT8C-18FX or 24FX
LC/PC Simplex & Duplex	PH55-PL-32DFX or 48DFX
LC/APC Simplex	PH55-PL8A-24FX or 48FX
LC/APC Duplex	PH55-PL8A-32DFX-POR
MDC/PC	PH55-MDC-24FX
MDC/APC	PH55-MDC8A-24FX
CS/PC	PH55-CS-20FX
CS/APC	PH55-CS8A-18FX
SN/PC	PH55-SN-24FX
SN/APC	PH55-SN8A-24FX
MDCJR/APC	PH55-MDCJR8A-24FX
SNJR/APC	PH55-SNJR8A-24FX
SNCOM/APC	PH55-SNCOM8A-24FX
IP16/SN Ferrule / PC	PH55-F0423-700FX
Universal ferrule holder	PH55-F0423-210C

MT HOLDERS & ACCESSORIES

Description:	MT Holder Part #
MT/PC One-lever Holder	PH55-MT-24SQ1-B
MT/APC One-lever Holder	PH55-MT8A-24QD <i>New</i>
Washing station	MT-P-WSH56-C
Cable Management	MT-P-CMH56-D
Air Blower	MT-P-BLW56-B
Non-woven cleaning paper	MT-P-NWPAPER-A

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Check valve	RP56A-24	1
Barcode scanner	FP-SCN56-A	1
Operation manual	FP-IM56A3C	1
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For MT polishing, PG5X-490-SR3, tacky glass pad is available, which PSA backing is no longer needed.

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I.P.C. HOLDERS

Description:	Holder Part #
FC/PC	PH55-FP-20 or 24
FC/APC (Step or Conical)	PH55-FP8*-18-I or 24
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SC/APC (Step or Conical)	PH55-CP8*-18-I or 24 or 32
ST/PC	PH55-SP-20 or 28
LC/PC Simplex & Duplex	PH55-PL-48DHP or 54DHP
LC/APC High Pressure	PH55-PL8A-48HP or 54HP
LC/APC Duplex	PH55-PL8A-32DHP-POR
VSFF Connectors New	
CS/PC	PH55-CS-20
CS/APC	PH55-CS8A-18
MDC/PC	PH55-MDC-24
MDC/APC	PH55-MDC8A-24
SN/PC	PH55-SN-24
SN/APC	PH55-SN8A-24
MDCJR/APC	PH55-MDCJR8A-24
SNJR/APC	PH55-SNJR8A-24
SNCOM/APC	PH55-SNCOM8A-24
IP16/SN Ferrule / PC	PH55-F0423-700

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LC/APC Simplex	PH55-PL8A-24FX or 48FX
LC/APC Duplex	PH55-PL8A-32DFX-POR
MDC/PC	PH55-MDC-24FX
MDC/APC	PH55-MDC8A-24FX
CS/PC	PH55-CS-20FX
CS/APC	PH55-CS8A-18FX
SN/PC	PH55-SN-24FX
SN/APC	PH55-SN8A-24FX
MDCJR/APC	PH55-MDCJR8A-24FX
SNJR/APC	PH55-SNJR8A-24FX
SNCOM/APC	PH55-SNCOM8A-24FX
IP16/SN Ferrule / PC	PH55-F0423-700FX
Universal ferrule holder	PH55-F0423-210C

MT HOLDERS & ACCESSORIES

Description:	MT Holder Part #
MT/PC One-lever Holder	PH55-MT-24SQ1-B
MT/APC One-lever Holder	PH55-MT8A-24QD New
Washing station	MT-P-WSH56-C
Cable Management	MT-P-CMH56-D
Air Blower	MT-P-BLW56-B
Non-woven cleaning paper	MT-P-NWPAPER-A

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