



Manufacturer:

Seikoh Giken

Product Name:

20-Port CS/PC Connector DPC Polishing Holder for
Seikoh Giken SFP-560A Polishing Machine

Manufacturer Part Number:

PH55-CS-20FX



Learn More



Click here for more details on the 20-Port CS/PC Connector DPC Polishing Holder for Seikoh Giken SFP-560A Polishing Machine

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SFP-560A3
High standard
Mass production
Polishing machine

■ Features / Benefits

- SFP-560A3 model offers:
 - Concentricity of 0.01mm or less, Flat, Liquid film can be done with barium acetate and touch panel. (Changes film service life)
 - "Touch" feature manages polishing time as per usage. Provides more uniform geometry and extend life range.
 - Precision stop-and-go touch mode available for each polishing step.
 - Water spray adjustment range: 10-100 gpm.

Network connectivity by LAN interface. Modbus TCP/IP



■ Specifications

Item	Specification
Model	SFP-560A3
Polishing Head	20-Port CS/PC Connector DPC Polishing Holder
Polishing Head Material	Aluminum
Polishing Head Size	100mm (W) x 100mm (D) x 100mm (H)
Polishing Head Weight	1.0kg
Polishing Head Power	100W
Polishing Head Speed	1000-1500 rpm
Polishing Head Pressure	0.1-0.5 MPa
Polishing Head Temperature	20-60°C
Polishing Head Humidity	20-80% RH
Polishing Head Vibration	0.1-0.5 mm/s
Polishing Head Noise	60-70 dB
Polishing Head Life	10,000 hours

High Volume, Multi-axis
High Precision, Auto-clamping
High Speed, Auto-clamping

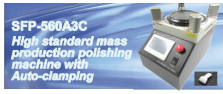
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[560A3](#)



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SFP-560A3C
High standard mass
production polishing
machine with
Auto-clamping

■ Features / Benefits

- Auto clamping polisher for less operator dependency. "SFP-560A3C" model offers:
 - Concentricity of 0.01mm or less, Flat, Liquid film can be done with barium acetate and touch panel. (Changes film service life)
 - "Touch" feature manages polishing time as per usage. Provides more uniform geometry and extend life range.
 - Precision stop-and-go touch mode available for each polishing step.
 - Water spray adjustment range: 10-100 gpm.
 - Network connectivity by LAN interface. Modbus TCP/IP



■ Specifications

Item	Specification
Model	SFP-560A3C
Polishing Head	20-Port CS/PC Connector DPC Polishing Holder
Polishing Head Material	Aluminum
Polishing Head Size	100mm (W) x 100mm (D) x 100mm (H)
Polishing Head Weight	1.0kg
Polishing Head Power	100W
Polishing Head Speed	1000-1500 rpm
Polishing Head Pressure	0.1-0.5 MPa
Polishing Head Temperature	20-60°C
Polishing Head Humidity	20-80% RH
Polishing Head Vibration	0.1-0.5 mm/s
Polishing Head Noise	60-70 dB
Polishing Head Life	10,000 hours

High Volume, Multi-axis
High Precision, Auto-clamping
High Speed, Auto-clamping

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[560A3C](#)

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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 Fixtures & Accessories

I.P.C. HOLDERS

Description:FC/PC
FC/APC (Step or Conical)
SC/PC
SC/APC (Step or Conical)
ST/PC
LC/PC Simplex & Duplex
LC/APC High Pressure
LC/APC DuplexVSFF Connectors **New**CS/PC
CS/APC
MDC/PC
MDC/APC
SN/PC
SN/APC
MDCJR/APC
SNJR/APC
SNCOM/APC
IP16/SN Ferrule / PCHolder Part #PH55-FP-20 or 24
PH55-FP8*-18-I or 24
PH55-CP-20, 24 or 32
PH55-CP8*-18-I or 24 or 32
PH55-SP-20 or 28
PH55-PL-48DHP or 54DHP
PH55-PL8A-48HP or 54HP
PH55-PL8A-32DHP-PORPH55-CS-20
PH55-CS8A-18PH55-MDC-24
PH55-MDC8A-24
PH55-SN-24
PH55-SN8A-24
PH55-MDCJR8A-24PH55-SNJR8A-24
PH55-SNCOM8A-24
PH55-F0423-700

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

Description:Conical SC/APC
OptiTap
LC/PC Simplex & Duplex
LC/APC Simplex
LC/APC Duplex
MDC/PC
MDC/APC
CS/PC
CS/APC
SN/PC
SN/APC
MDCJR/APC
SNJR/APC
SNCOM/APC
IP16/SN Ferrule / PC
Universal ferrule holderHolder Part #PH55-CP8C-16FX
PH55-OPT8C-18FX or 24FX
PH55-PL-32DFX or 48DFX
PH55-PL8A-24FX or 48FX
PH55-PL8A-32DFX-PORPH55-MDC-24FX
PH55-MDC8A-24FX
PH55-CS-20FX
PH55-CS8A-18FXPH55-SN-24FX
PH55-SN8A-24FX
PH55-MDCJR8A-24FX
PH55-SNJR8A-24FX
PH55-SNCOM8A-24FX
PH55-F0423-700FX
PH55-F0423-210C

MT HOLDERS & ACCESSORIES

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

Available Polishing Consumables

POLISHING FILMS FOR ZR POLISHNG

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

XF5D

**Other types of films and liquid are also available up on request*

POLISHING FILMS FOR MT POLISHNG

Description:Adhesive Removal & Leveling
Rough polishing
Fiber protrusion
FinishingFilm Part #GC5D
AR5D
GH5D
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.

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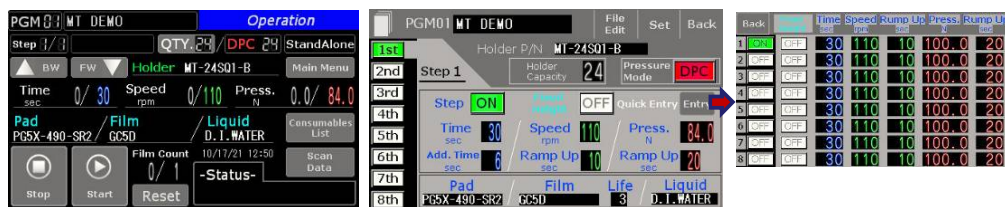
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**■ Features / Benefits**

Auto Clamping polisher for less operator dependency, "SFP-560A3C" model offers;

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~DPC : Dynamic Pressure Control~
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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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Main unit	SFP-560A3C	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-IM56A3C	1
Process manual	FP-PM56A3C	1
Maintenance manual	FP-MM56A3C	1

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

Available Polishing Consumables**POLISHING FILMS FOR ZR POLISHING**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	EDI5D-1U
Silica	XF5D

Other types of films and liquid are also available up on request*POLISHING FILMS FOR MT POLISHING**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.**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 & ACCESSORIESDescription: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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