

# POLISHING SOLUTIONS

## SFP-560A2C

“Patented Dynamic Pressure with Auto Lock”

Seikoh Giken’s SFP-560A2C 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.



### Features / Benefits

- ✧ MDC and SN connector holders available
- ✧ Auto Fixture Clamping – Improves operator thru-put
- ✧ User Friendly Interface – Fixture Locking Built-In
- ✧ Fixture Auto Release after end of polishing cycle
- ✧ Open workspace design – Handles large O.D. cables
- ✧ Both IPC and DPC Pressure Modes Available
- ✧ Active monitoring of Speed, Pressure, and Time
- ✧ Process programmable (up to 60 processes)
- ✧ Data Transfer via USB Interface, Customizable
- ✧ Backwards Compatible with SFP-550 Legacy fixtures
- ✧ Scanner option is available (P/N: FP-SCN56-A)

### Specifications

|                    |   |
|--------------------|---|
| Weight:            | 22Kg (48.5lbs)  |
| Dimensions:        | 240W x 370D x 305H (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<br>Roration: 1/100 of rev. speed |
| Film and Pad Size: | 5" (127mm)  |

### New Technology

~ DPC: Dynamic Pressure Control ~  
(Patent Pending)



**Superior MT Geometry  
Intelligent Automation**

## ■ SFP-560A2C Standard Package

| Description              | Part Number | Qty |
|--------------------------|-------------|-----|
| Main unit                | SFP-560A2C  | 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   |
| Operation manual         | FP-IM56A2C  | 1   |
| Process manual           | FP-PM56A2C  | 1   |
| Maintenance manual       | FP-MM56A2C  | 1   |

## ■ 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          | EDJ5D-1U     |
| Silica               | XF5D         |

\* Other types of films and liquid are available upon request.

### POLISHING FILMS AND PAD FOR MT POLISHING

| Description:                | Film Part #: |
|-----------------------------|--------------|
| Adhesive Removal & Leveling | GC5D         |
| Rough polishing             | AR5D         |
| Fiber protrusion            | GH5D         |
| Finishing                   | FM5D-SOAP-2  |
| Tacky glass pad             | PG5X-490-SR3 |

\* 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 and  
4.8, 4.9, 5.0, & 5.05 mm thickness for 5" diameter

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## ■ Available Fixtures and 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                    | PH55-PL-24 or 48                         |
| LC/PC High Pressure      | PH55-PL-24HP                             |
| LC/APC                   | PH55-PL8A-20-B, 24 or 48                 |
| LC/APC High Pressure     | PH55-PL8A-20HP-B, 24HP, 48HP, or 54HP    |
| LC/PC Duplex             | PH55-PL-32DHP, 48DHP or 54DHP <i>New</i> |
| LC/APC Duplex            | PH55-PL8A-32DHP-POR                      |

VSFF Connectors *New*

|                      |                              |
|----------------------|------------------------------|
| CS/PC                | PH55-CS-24                   |
| CS/APC               | PH55-CS8A-24                 |
| MDC/PC               | PH55-MDC-24                  |
| MDC/APC              | PH55-MDC8A-24                |
| SN/PC                | PH55-SN-24                   |
| SN/APC               | PH55-SN8A-24                 |
| MDCJR/PC             | PH55-MDCJR-24                |
| MDCJR/APC            | PH55-MDCJR8A-24              |
| BTW1/PC              | PH55-SNBTW1-24 <i>Coming</i> |
| IP16/SN Ferrule / PC | PH55-F0423-700               |
| MDC ferrule /PC      | PH55-F0423-740               |

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

| Description:         | Holder Part #:         |
|----------------------|------------------------|
| Conical SC/APC       | PH55-CP8C-16FX         |
| OptiTap              | PH55-OPT8C-18FX        |
| LC/PC Duplex         | PH55-PL-32DFX or 48DFX |
| LC/APC Duplex        | PH55-PL8A-32DFX-POR    |
| MDC/PC               | PH55-MDC-24FX          |
| MDC/APC              | PH55-MDC8A-24FX        |
| SN/PC                | PH55-SN-24FX           |
| SN/APC               | PH55-SN8A-24FX         |
| MDCJR/PC             | PH55-MDCJR-24FX        |
| MDCJR/APC            | PH55-MDCJR8A-24FX      |
| BTW1/PC              | PH55-SNBTW1-24FX       |
| IP16/SN Ferrule / PC | PH55-F0423-700FX       |
| MDC ferrule /PC      | PH55-F0423-740FX       |

### MT HOLDERS & ACCESSORIES

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

\* Please contact for connector types and capacity not listed.

\* Custom holders and cable managements are available upon request.

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