



# SEIKOH GIKEN

## SFP-560A3C with Automatic Fixture Clamping & Consumables Control & Network Connection



### ■ Features / Benefits

In addition to the Auto Clamping SFP-560A3C" 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 and MCU Link



| Back | Time | Speed | Ramp Up | Press. | Ramp Up |
|------|------|-------|---------|--------|---------|
| sec  | rpm  | sec   | sec     | N      | sec     |
| 1    | 30   | 110   | 10      | 100.0  | 20      |
| 2    | 30   | 110   | 10      | 100.0  | 20      |
| 3    | 30   | 110   | 10      | 100.0  | 20      |
| 4    | 30   | 110   | 10      | 100.0  | 20      |
| 5    | 30   | 110   | 10      | 100.0  | 20      |
| 6    | 30   | 110   | 10      | 100.0  | 20      |
| 7    | 30   | 110   | 10      | 100.0  | 20      |
| 8    | 30   | 110   | 10      | 100.0  | 20      |

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<br>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.

# SFP-560A3 Standard Package

| Description              | Part Number | Qty |
|--------------------------|-------------|-----|
| 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 Polishing Consumables

| POLISHING FILMS FOR ZR POLISHNG                                                                                                                                                                                                                                                                       |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <u>Description:</u>                                                                                                                                                                                                                                                                                   | <u>Film Part #</u> |
| 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               |
| <i>*Other types of films and liquid are also available up on request</i>                                                                                                                                                                                                                              |                    |
| POLISHING FILMS FOR MT POLISHNG                                                                                                                                                                                                                                                                       |                    |
| <u>Description:</u>                                                                                                                                                                                                                                                                                   | <u>Film Part #</u> |
| Adhesive Removal & Leveling                                                                                                                                                                                                                                                                           | GC5D               |
| Rough polishing                                                                                                                                                                                                                                                                                       | AR5D               |
| Fiber protrusion                                                                                                                                                                                                                                                                                      | GH5D               |
| Finishing                                                                                                                                                                                                                                                                                             | FM5D-SOAP-2        |
| <i>*Consumables for slurry polishing are also available upon request</i>                                                                                                                                                                                                                              |                    |
| Rubber & Glass Pads Available for various Hardness & Thickness ( <i>ask for details</i> ):<br>60, 65, 70, 75, 80, 85 & 90 durometer<br>4.8, 4.9, 5.0, & 5.05 mm thickness All for 5" diameter<br>For MT polishing, PG5X-490-SR3, tacky glass pad is available, which PSA backing is no longer needed. |                    |

Find us on YouTube!



# Available Fixtures & Accessories

| I.P.C. HOLDERS                                         |                            |
|--------------------------------------------------------|----------------------------|
| <u>Description:</u>                                    | <u>Holder Part #</u>       |
| 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 <i>New</i>                             |                            |
| 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) <i>New</i> |                            |
| <u>Description:</u>                                    | <u>Holder Part #</u>       |
| 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                               |                            |
| <u>Description:</u>                                    | <u>MT Holder Part #</u>    |
| MT/PC One-lever Holder                                 | PH55-MT-24SQ1-B            |
| MT/APC One-lever Holder                                | PH55-MT8A-24SQ1-B          |
| 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 <i>New</i>  |

*\*Please contact for connector types and capacity not listed.*  
*\*Custom made holders are available upon request*  
*\*Cable management for IPC holders are also available.*

Distributor in China:

Shenzhen Richen Industry Co., Ltd  
Tel+86-755-8665-5448;+86-755-8665-5579; Email info@pztest.com Website www.pztest.com

Seikoh Giken reserves the right to improve, enhance and modify features and specifications of Seikoh Giken products without prior notifications

