# SEIKOH GIKEN

SFP-550E4

Fully Programmable Standard Mass Production Polishing Machine

■ Features / Benefits

"SFP-550E4" model offers;

- Consumables info input: Entry of Film, Pad, Liquid info can be done with barcode scanner (optional) and touch panel - Manages Film service life
- "Add time" feature manages polishing time as per usage - Provides more uniformed geometry and extend film usage
- Wider speed adjustment range : 10- 200 rpm
- Network connection by Modbus TCP/IP
- By adding Center Pressure Module, the machine can be converted to precision multi fiber polisher (SFP-550E4 does NOT have DPC capability).
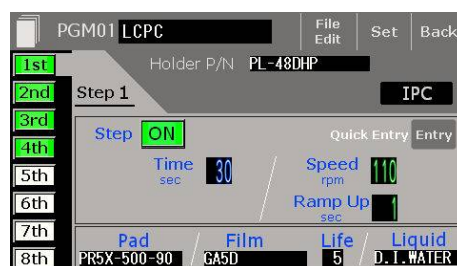
Interface of E4 model consumables info input & control

■ Specifications

Weight	16.6kg (36.6lb)
Dimensions	220W x 340D x 290H (mm)
Polishing method / system	Rotation & Revolution / 5.5mm Fixed (No DPC)
Power source	Electricity : 100~240V, 50/60Hz
Motor speed	Revolution: 10 to 200rpm Rotation: 1/100 of rev. speed
Process storage	48 processes
Film and pad size	5inch (127mm)

SFP-550E4 Standard Package

Description	Part Number	Qty
Main unit	SFP-550E4	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
Operation manual	FP-IM55E4	1
Process manual	FP-IM55E4	1
Maintenance manual	FP-MM55E4	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 makes PSA backing no longer necessary.

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

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*
MT Pressure Module	PH55-MT-PRM-B1
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-B

MT Pressure Module is necessary For MT polishing

ULTRA AXIS HOLDERS

Description:	Holder Part #
SC/PC	PH55-CP-48R
LC/PC	PH55-PL-72DHP
LC/APC	PH55-PL8A-66HP
SC/APC	PH55-CP8C-48
Eccentric drive plate	RP55S3-08A
Eccentric support plate	RP55C-05A

Ultra axis holders must be used with dedicated eccentric drive and support plates

LC/PC 72 ultra axis holder   MT 24 axis one lever action holder
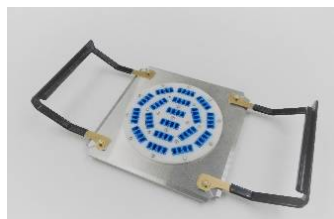
*Please contact for connector types and capacity not listed.
*Custom made holders are available upon request
*Cable management for IPC holders are also available.

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