

Variety of Controllers

S, SNC, SCNC

High Speed EDM Thread-Tapping Device

(EDM Drill / tapping two in one)

Without drilling hole first, tapping directly.

Fast and efficient.

Specially good at tungsten carbide, harden steel, HSS,....etc

※ SIZE: M3~M8 (M2 , inch thread optional)

Controller support: S, SNC, SCNC

Programmable 4th W / B axis

※Linear (W) Travel: 350mm

※Tilting head (B) ±50 degrees

Controller support: SNC, SCNC

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Indexer (excluding chuck and adaptor)

※C axis programmable

※2 axis programmable

C axis 360° 1 pc

C axis 360° 1 pc

manual 90° 1 pc

A axis ±110° 1 pc

Controller support: S, SNC, SCNC

Auto Electrode Change Device

AEC 16PCS, with middle support arm, including chuck 16 pcs

Recommend SIZE :0.2-1.5 mm

Controller support : S, SNC, SCNC

Variety of Filtering Systems

**SPECIALIZE PRODUCTION
TECHNOLOGY LEADS
CUSTOMER SERVICE
QUALITY PRODUCTS**



SPECIFICATIONS

Model	PD02	SD16A	SD22A	SD24A	FD22A	SD4030A	SD5040A	SD6040A	MD20A2
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Mechanical

Travel X, Y (mm)	X=0, Y=20	300x200	300x200	400x250	300x200	400x300	500x400	600x400	200x200
Table size (mm)	-	440x225 flat	410x210 flat	450x260 flat	400x240 bar	525x320 bar	600x435 bar	600x435 bar	225x225 flat
Max. Electrode length (mm)	300	400	400	400	400	400	400	400	300
Guide to table distance (mm)	0-100	25~300	25~300	25~300mm	25~300mm	50~400mm	50~400mm	50~400mm	15~150mm
Max. Work piece weight (kg)	-	250	250	250	250	500	500	500	50
Machine dimension (cm)	60x60	120x140 / 145x135	120x120 / 145x135	150x120 / 145x135	120x120 / 145x135	160x165	160x175	160x175	160x135
Machine weight (kg)	15	770 / 820	650 / 700	700 / 750	650 / 700	1300 / 1350	1400 / 1450	1400 / 1450	750 / 800

Electrical

Power input (V)	110V / 220V single phase	200V / 220V / 380V / 415V / 440V 3 phases with PE, 50HZ or 60HZ				200V / 220V / 380V / 415V / 440V 3 phase with PE, 50HZ or 60HZ			220V single phase
Max. machining current (A)	12A	SD 25A Booster 50A (optional)	SD 25A Booster 50A (optional)	SD 25A Booster 50A (optional)	HCD 50A	SD 25A Booster 50A (optional)	SD 25A Booster 50A (optional)	SD 25A Booster 50A (optional)	15A

Drill Capability

△ Good ○ Fast ◎ Very Fast / #1 optional device

0.1-0.3mm	-	△	△	△	△	△	△	△	◎
0.3-1.5mm	0.3mm 0.5mm 1.0mm 1.5mm	○	○	○	◎	○	○	○	○
1.5-3.0mm	-	○	○	○	◎	○	○	○	-
3.0-6.0mm	-	△ / ○ (#1)	△ / ○ (#1)	△ / ○ (#1)	◎	△ / ○ (#1)	△ / ○ (#1)	△ / ○ (#1)	-
M2-M8(optional)	-	○	○	○	-	○	○	○	-

Controller Option

Manual, S Touch Screen	-	○	○	○	○	○	○	○	○
SNC	-	○	○	○	○	○	○	○	○
SCNC	-	○	○	○	○	○	○	○	○



PD02



SD16AP



SD22AP CE



SD22APNC CE



SD22AS



FD22AP



SD4030APNC



SDNC6040E



SD16030APNC
(Customized)



MD20A2SCNC

Manual Controller, P Panel

1. Two-axis digital display.
2. Built-in parameters. (Memory.)
3. EDGE function.
4. inch/mm function.
5. Auto Depth Control.

S Controller, Touch Screen Panel

1. Three-axis display.
2. Built-in parameter tables.
3. EDGE function.
4. Auto Depth Control.
5. NC/iso, CAD draw, G-code support
6. LAN and USB port.
7. Color management of hole condition.
8. Positions assistant.

SNC Controller, Touch Screen Panel

1. Three-axis display.
2. Built-in parameter tables.
3. EDGE function.
4. Auto Depth Control.
5. NC, DXF, cut file, G/M code program support
6. 4th axis control.(optional)
7. LAN and USB port.
8. Color management of hole condition.

SCNC Controller, Touch Screen Panel

1. Three-axis display.
2. Built-in parameter tables.
3. Auto EDGE function.
4. Auto Depth Control.
5. NC, DXF, cut file, G/M code program support
6. 4th axis control.(optional)
7. LAN and USB port.
8. Color management of hole condition.
9. Multi-coordinate.

Standard Accessories, S Manual,

- | | |
|------------------------------------|----------|
| 1. Paper/Cotton filter | 1 pc |
| 2. Ceramic Guide Φ1.0mm | 1 pc |
| 3. Electrode holder EH0330 | 1 pc |
| 4. Brass electrode Φ1.0mm x 400mmL | 20 pcs |
| 5. Working light | 1 pc |
| 6. Linear scale 5um | X,Y axis |
| 7. Workpiece jig | 1 set |
| 8. Pad for magnetic tool | 1 pc |
| 9. Start kits and tool | 1 set |

Standard Accessories, SNC, SCNC

- | | |
|--|-------------|
| 1. Paper/Cotton filter | 1 pc |
| 2. Ceramic Guide Φ0.5, Φ1.0mm | 1 pc/each |
| 3. Electrode holder EH0330 | 1 pc |
| 4. Brass electrode Φ0.5, Φ1.0mm x 400mmL | 60 pcs/each |
| 5. Working light | 1 pc |
| 6. Linear scale | X,Y axis |
| SNC:5um, SCNC:1um | |
| 7. Workpiece jig | 1 set |
| 8. Pad for magnetic tool | 1 pc |
| 9. Start kits and tool | 1 set |

Standard Accessories, MD

- | | |
|------------------------------------|----------|
| 1. Paper/Cotton filter | 1 pc |
| 2. Ceramic Guide Φ0.2mm | 1 pc |
| 3. Electrode holder EH0115 | 1 pc |
| 4. Brass electrode Φ0.2mm x 200mmL | 20 pcs |
| 5. Working light | 1 pc |
| 6. Linear scale 5um | X,Y axis |
| 7. Workpiece jig | 1 set |
| 8. Pad for magnetic tool | 1 pc |
| 9. Start kits and tool | 1 set |

Optional Accessories

1. Electrode electrode Copper / Brass / Tungsten Spec. Φ0.1~Φ6.0mm, Per 0.1mm
2. Ceramic Guide Spec. Φ0.1~Φ6.0mm, Per 0.1mm
3. Electrode holder EH0115 ER11, ER16
4. Dielectric EDM fluid
6. Paper filter (cover: Stainless)

Optional Device

1. SD Boost Power (50Amp)
2. H.C.D. Power (50Amp)
3. Carbide circuit and device
4. Submerged Tank
5. Thread tapping device M3-M8 (M2:optional)
6. Auto electrode chagner (16 pcs)
7. W axis programmable
8. Tilting axis
9. Indexer
10. Accuracy blind hole function
11. Auto Penetration detect circuit
12. Filtering system