

DMNC-EDM

CNC Small Hole EDM



Micro 2
(Φ 0.03-1.0mm)

HS Series



HS6

HS4





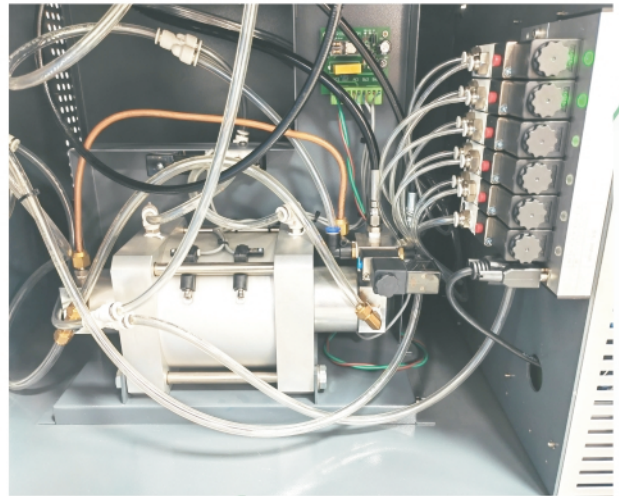
ATC and Automatic Electrode Holder



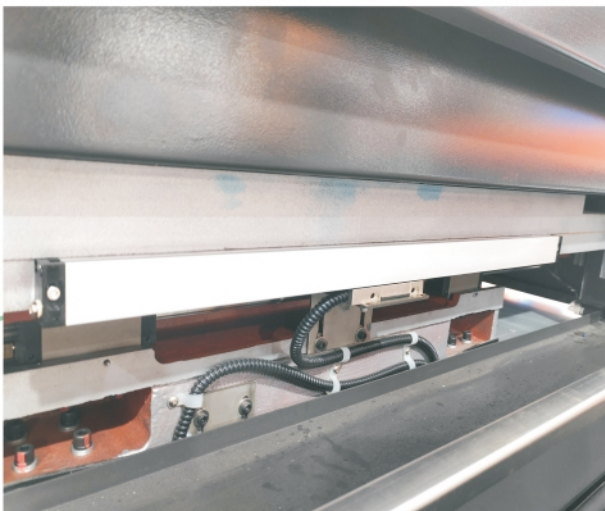
Pneumatic servo spindle



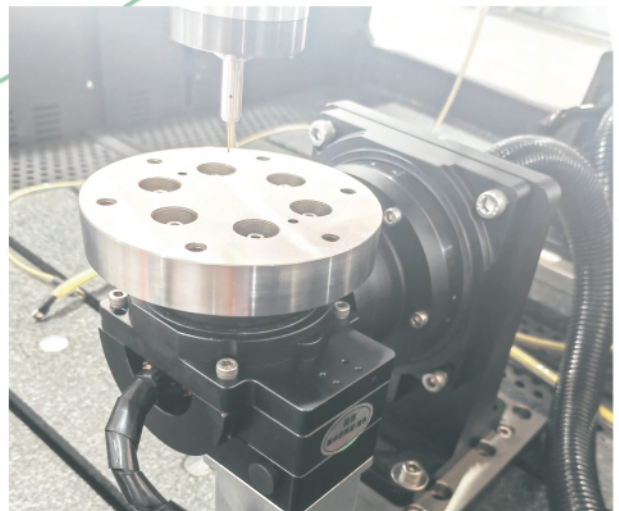
EtherCAT Bus Control



Pneumatic Pump



Optional Linear Scale for Closed-loop Control



Optional Rotary Table (Rotation and Tilting)

FEATURES:

Standard with 4-axis AC servo motor control (X, Y, Z, W)

Electrode range 0.1-3.0mm

Optional rotary table with A and B axis control

EtherCAT bus control, high speed processing capacity,

Optional ATC(automatic electrode changer)

Optional AGC(automatic guide changer)

High speed pneumatic servo spindle

High precision Taiwan made linear guideway and C3 ball screw

NC program, G code, M code and T code supported.

Breakout detection function

Resin exchange recycling tank

Blind hole function

W axis can calculate drilling depth automatically

Various positioning functions

Multiple coordinates system

Basic parameters

Model	Unit	Micro2	HS3	HS4	HS6
Table size	mm	400×300	400×300	500×300	800×500
Table travel	mm	300×200	300×200	400×300	600×400
Z axis travel (guide)	mm	250	250	250	400
W axis travel(electrode)	mm	400	400	400	400
Electrode range	mm	Φ0.03-Φ1.0	Φ0.1-Φ3.0	Φ0.1-Φ3.0	Φ0.1-Φ3.0
Max machining current	A	10 Nano HF power	30	30	30
Rated power	KVA	3	6	6	6
Max length of electrode	mm	400	4000	500	500
Max weight of workpiece	kg	200	300	400	500
Max height of workpiece	mm	250	300	350	420
Input voltage		3-phase 380V/50Hz			
Weight of machine	kg	600	600	850	1000
Dimension of machine	mm	900×1300×1900	900×1300×1900	1300×1350×2100	1450×1650×2200

DC Series

Economical

CNC Small Hole EDM



Technical terms	Unit	DC430	DC435	DC640	DC850	DC1063	DC1280
Table travel	mm	400×300	450×350	600×400	800×500	1000×630	1200×800
Machine head travel	mm	250					
Z axis travel(spindle servo stroke)	mm	380					
Max. speed of spindle (mm/min)		1500					
Rotation speed of the spindle (RPM)		0-200 adjustable					
Worktable size (mm)		440×320	520×380	700×450	1050×550	1250×705	1250×890
Power supply		3 phase 380V/50Hz					
Control axis		X, Y, Z					
Max. worktable load(kg)		300	380	380	800	1000	2000
dimension of machine(W×L×H)		1000×1000×2000	1200×1000×2100	1400×1200×2100	1800×1600×2200	2100×1800×2200	2600×2400×2100
Machine weight	kg	700	860	960	1600	2800	4000

Configuration difference among A, B, C

Name	A	B	C
Electrode range	Φ0.1-3.0mm(with 0.1 HF circuits)	Φ0.2-3.0mm	Φ0.3-3.0mm
Pump	Electrical pump + pneumatic pump	Pneumatic pump	Electrical pump
Max working liquid pressure	12/8 Mpa	12 Mpa	8Mpa
Control axis	X Y Z	X Y Z	X Y Z

DZ Series

Manual Small Hole EDM



Technical terms	Unit	DZ430i	DZ430	DZ435	DZ640	DZ850	DZ1063	DZ1280
Table travel	mm	400×300		450×350	600×400	800×500	1000×630	1200×800
Machine head travel	mm	250						
Z axis travel(spindle servo stroke)	mm	380						
Max. speed of spindle (mm/min)		1500						
Rotation speed of the spindle (RPM)		0-200 adjustable						
Worktable size (mm)		440×320	520×380	700×450	1050×550	1250×705	1250×890	
Power supply		3 phase 380V/50Hz						
Control axis		X, Y, Z						
Max. worktable load(kg)		300	380	380	800	1000	2000	
dimension of machine(W×L×H)		1000×1000×2000		1200×1000×2100	1400×1200×2100	1800×1600×2200	2100×1800×2200	2600×2400×2100
Machine weight	kg	700	860	960	1600	2800	4000	

Configuration difference among A, B, C

Name	A	B	C	i
Electrode range	Φ0.1-3.0mm(with 0.1HF circuits)	Φ0.2-3.0mm	Φ0.3-3.0mm	Φ0.3-3.0mm
Pump	Electrical pump + pneumatic pump	Pneumatic pump	Electrical pump	Electrical pump
Max working liquid pressure	12/8 Mpa	12 Mpa	8Mpa	8Mpa
Display axis	X Y Z	X Y Z	X Y Z	X Y Z
Blind hole capacity	Yes	Yes	Yes	No
Machine head control	Motorized	Motorized	Motorized	Manual
Electrode trimming	Yes	Yes	Yes	No

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