

Mirrordick High Precision Mirror EDM Machine AR50

■ Technical Parameter

Item	Unit	AR50
Worktable size(LxW)	mm	700x450
Liquid tank internal size(LxWxH)	mm	870x620x350
X、Y、Z axis travel	mm	500x400x300
Max.electrode weight	kg	50
Max.workpiece size	mm	900x600x300
The Max.and Min.distance from worktable surface to electrode plate	mm	200-500
Positioning accuracy(JIS standard)		5μm/Arbitrarily 300mm
Repeat accuracy(JIS standard)		2μm
Overallsize(LxWxH)	mm	2100x2000x2400
Machine weight	kg	4200
Reservoir tank volume	L	300
Processing liquid filter type		Switching Cartridge Filter
NCpulsed power supply unit		A40
Max.Current	A	40
Totalinput power	KVA	9
InputSupply		380V(China)
Best surfaceroughness		Ra0.1μm
Min.electrode wear		0.10%
Max.productivity		Copper processing steel 500mm ³ /min, Graphite processing steel 1030mm ³ /min
Standard process		Copper/steel,fine copper/steel, graphite/steel,copper tungsten /steel, fine copper-tungsten/steel, steel/steel, copper-tungsten/carbide, copper/aluminum, graphite/heat-resistant alloy, graphite/titanium,copper/copper
Interpolation type		Linear,circular,spiral
Each axis compensation		Each axis respectively step error compensation,clearance compensation
Max.number of controlled axis		Three axes linkage (standard),four simultaneous axes (optional)
Each axis resolution	μm	0.4
Min.drive unit	μm	1
Drive Mode		Fully digital AC servo
Input type		Touch screen,U disk/Net work transmission
Display type		15"LCD screen(TFT-LCD)
Manual control box		Standard point move(multistage switching)
Position command type		Absolute,incremental dual purpose