YJCS-6 Ultrasonic Polishing Machine

The YJCS-6 is a multi-function polishing machine.It has four functions which facilitate mold polishing process and reduce significant human labor. YJCS-6 is the most powerful and intelligent model amongst the YJCS series polishing machines.

Application

Finishing / Polishing of complicated shapes, slits, blind holes, corner edging of moulds and dies.
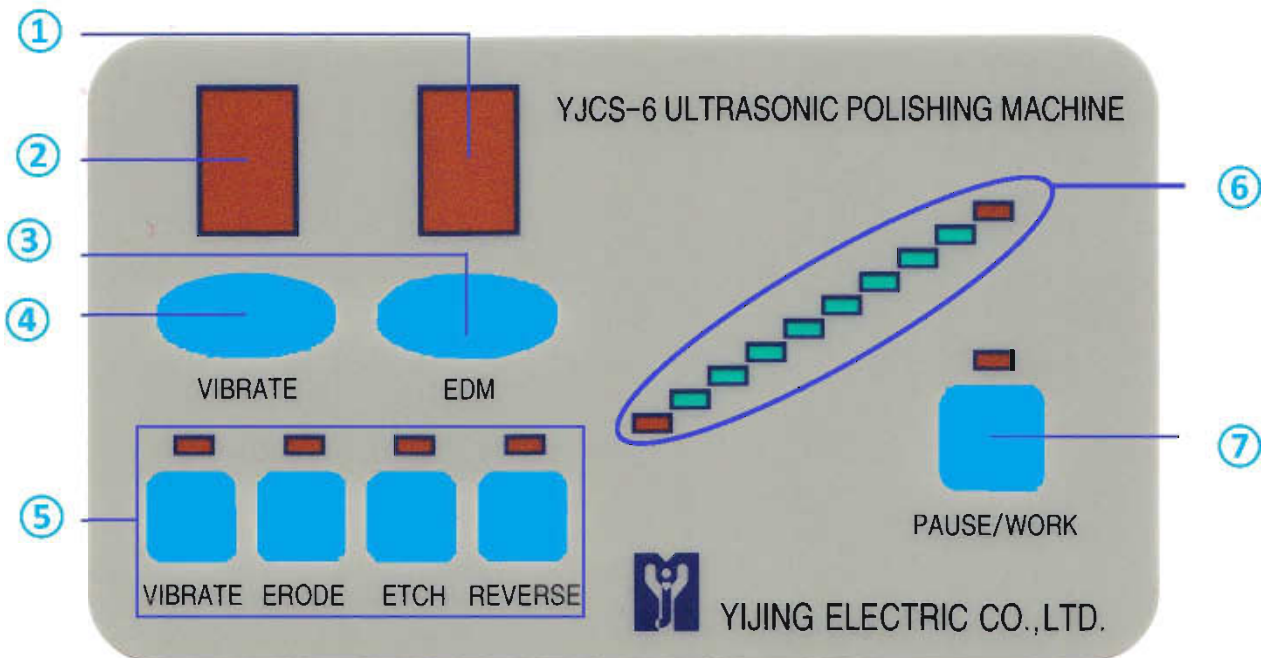
Material

All kinds of metal, carbides.

ROUGHNESS

Approx. Ra0.012µm after finishing; Approx. Ra0.3µm after EDM shaping

Specification

	N.W: 6 KG	G.W: 9 KG
	MEAS：210*185*130mm^3	
	Power consume:≤ 160W	
	Functions： ultrasonic polishing, EDM shaping, EDM etching, Reversing	
	Frequency range: 17-34KHz	
	Efficiency:≥7mm^3 / min during EDM shaping ≈2cm²/ min during vibrating polishing	
	Color：Red / Black（220V±10%, 50-60Hz） （110V±10%, 50-60Hz）	
YJCS-6: powerful and multi-functions		

Front Panel

①EDM DISPLAY: This window shows the grade when using the EDM ERODE function. It goes from 1 to 5.

②VIBRATION DISPLAY: This window shows the grade when using the VIBRATE function.It goes from 1-9.

These two windows combined together shows the grade when using EDM ETCH and EDM REVERSE function.It goes from 01-99.

③EDM ADJUST:This button adjusts the grade of EDM ERODE, EDM ETCH and EDM REVERSE function.

④VIBRATION ADJUST:This button adjusts the grade of VIBRATE function.

⑤ FUNCTION BUTTONS:Press the corresponding button when you want to use a certain function.You cannot use more than one function at the same time. Once you press one button, the red light above the button will be lighted, indicating the working function.

⑥VIBRATE LEVEL:These ten small lights indicates the vibrate level of the working tip. The more lights shining, the intenser the tip vibrates. These lights will flash one or two seconds and then stabilize.

⑦PAUSE/ WORK BUTTON:This button will stop the output, but it won't cut the electricity of the whole machine.When the machine is paused, the red light about the button will be lightened.

Standard tool box

8. Hard wood tip   9.Soft wood tip   10.Power cord   11.EDM connecting wire   12.P-H cord
13. Handpiece   14.Abrasive paper tip   15.Knife   16.Screws   17.Collets and tips
18. Diamond compound   19.protection glass

Specification:

EDM connecting wire

P-H cord & Test P-H cord

Handpiece

Diamond compound

Abrasive paper tip

Collets and tips