

Hole Drilling Robot (VK-HD-3030)



Purpose:

To make holes on the counter-electrode. This robotic drill machine can be program to make holes on precise locations on the counter-electrode. These holes are used to fill electrolyte after sealing the cell.

Features:

- Automatically adjust the drilling force.
- Hole location can be easily programmed using computer software or the teaching pendent.
- Since water employed as coolant/lubricant, sample can be easily clean after drilling.
- Up to 3 mm thick glass sheets can be drilled.
- Hole diameter can be change from 1 – 2.5 mm as customers choice.

Maximum cell size (mm)	300 × 300
Hole making method	Diamond coated drill bit (for glass drilling)
Hole size	1 mm diameter (1.5, 2.0, 2.5 bits are available as request)
Drill head moving method	Automatically drill holes on pre-programmed locations
Number of moving axis	3 (X, Y, Z)
Maximum moving range (mm)	400 (X, Y), 65 (Z)
Positioning accuracy	10 μm
Hole location programming	PC or teaching pendent
Program storage capacity	100 patterns
PC interface	RS-232, USB
Power Supply	100-240 V AC, 50/60 Hz
Dimensions (W × D × H) (mm)	500 × 710 × 568
Weight	31 kg

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