

Silver Grid Formation Apparatus (VK-Ag-3030)



Function:

To draw silver grid pattern on the photo- & counter-electrodes. This machine dispenses silver paste according to pre-programmed pattern.

Features:

- Virtually any shape of silver grid pattern can be made.
- Pattern programming can be performed through the computer software or teaching pendant.
- More than 100 patterns can be stored in the built in flash memory.
- Consumption efficiency of silver past is 100%. No need complicated & time consuming cleaning as required in screen printing technique.
- Series of different size nozzles available to achieve customers required silver line width.

Maximum electrode size (mm)	300 × 300
Dispensing method	Syringe with compressed air
Silver past cartridge size (ml)	50
*Nozzle sizes (Φ mm)	0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.6, 0.7, 0.84, 1.19, 1.6
Number of moving axis	3 (X, Y, Z)
Maximum moving range (mm)	400 (X, Y), 65 (Z)
Moving accuracy (μm)	10
Maximum moving speed (mm/s)	300
Grid pattern programming	PC or Teaching pendant
Program storage capacity	100 grid patterns (900 sub programs)
*Rated air pressure (MPa)	0.6
PC interface	RS-232, USB
Power supply	100-240 V AC, 50/60 Hz
Dimensions (W × D × H) (mm)	500 × 710 × 568
Weight (kg)	30

Notes: * Instrument will come with standard 0.4 mm nozzle. Other size nozzles can be ordered separately.

**This instrument needs a compressed air supply. Air compressor is not included with the machine. It can be ordered separately.

