

Microplotter System Specifications

Brand Name or Equal:

SonoPlot GIX Microplott II w/10 replacement dispensers (Part # SP016) or EQUIVALENT

Plotter/Printer that shall be able to dispense conducting, insulating, and semiconducting materials, solvents and oils.

Shall have at least 5 um minimum feature resolution and should be able to cover large areas so it

Shall go up to at least 250um.

Shall have a deposition volume that is at least ≥ 1 pL.

Shall have 3-axis positioning with at least a volume 27 x 27 x 5 cm (X,Y, Z axes) for printing on large specimens/substrates.

Shall have control software on supplied computer, monitor, keyboard, mouse.

Shall have an integrated optical feedback system.

Shall be capable of depositing droplets, continuous lines, arcs, and bends.

Shall include design software that can import at least DXF or GDS files.

The system shall be able to utilize inks with viscosities from at least 10 to 400 cP