

# Microwave Plasma CVD

Compact R&D Tool for CVD Diamond & Nanodiamond

## Microcrystalline/ Single Crystal Diamond, Nanodiamond CVD

- 1.5 kW microwave power
- Recipes for single crystal, epi, microcrystalline CVD Diamond and Nanodiamond, 0.5 to 3 micron/hr.
- PLC and computer based automatic control with EZ-Run program
- Replaceable quartz vacuum chamber easily cooled by water and air combination
- Mechanical dry pump for main CVD chamber, also including optional turbo vacuum pumps
- Standard, full range pressure gauge
- 0.5 – 1.0 inch dia. substrate moly holder
- Optical window for plasma diagnosis
- 3 – 7 mass flow controllers of various gas flow ranges
- Substrate position control from plasma by manual setup



SCAN FOR MORE

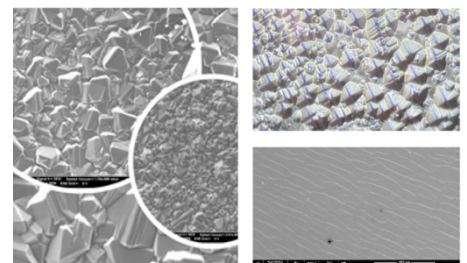
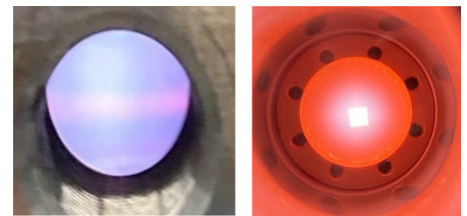


ON THE PRODUCT!

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*Growth of Single Crystal & Microcrystalline*