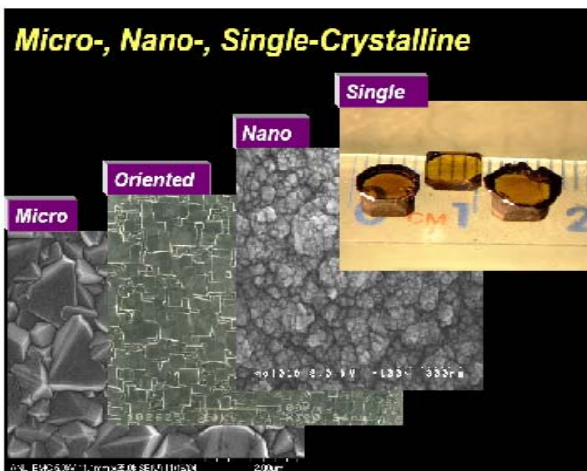


AX6300 1.5kW Microwave Plasma CVD System



The AX6300 1.5kW Microwave Plasma CVD System is a state of the art deposition tool for synthesizing high quality polycrystalline and single crystal diamond films for research and production. The system incorporates the latest microwave technology and recipe control for easy to use and safe operation. Its wide process parameter space allows for the most critical diamond film synthesis for electronic and mechanical applications.



Diamond Film Synthesis

- Microcrystalline
- Nanocrystalline
- Homoepitaxial
- Doped Films
- Hydrogenation

Applications

- Thermal Management
- Wear parts
- MEMS
- Detectors
- Active Devices
- Windows
- Single Crystal (Gems)

The AX6300 reactor has a large network of users worldwide engaged in leading-edge research of diamond films and is designed for critical applications requiring high film purity and precise control of growth properties.