

TECHNICAL SPECIFICATIONS: HYBRID DEPOSITION SYSTEM

The system is equipped with three turbo and two backing pumps.

- Ultimate basic pressure 5×10^{-9} mbar.
- Full-range gauges for pumpdown monitoring.
- Sample rotation (2-20 rpm).
- Substrate bias up to 800 V.
- Sample heating up to 800°C.
- RGA residual gases analyzer.

Gas Supply

- Hydrogen (H_2)
- Methane (CH_4)
- Argon (Ar)
- Acetylene (C_2H_2)
- Oxygen (O_2)
- Silane (SiH_4)

Available Nanoparticle Targets *

- Silver (Ag)
- Copper (Cu)
- Iron (Fe)
- Molybdenum (Mo)
- Nickel (Ni)
- Titanium (Ti)
- Vanadium (V)
- Zirconium (Zr)

*More targets are available on the market