

PVD-handy[®] sm



PRODUCT INFORMATION

PVD-handy sm series is a part of Vaksis PVD – handy platform which designed and manufactured for low budget projects. PVD-handy sm series is really convenient for use and easily handled as the adjective “handy” described in the dictionary which involves the techniques and combinations below:

CONFIGURATION MATRIX

Techniques	Magnetron Sputtering (MS)	Thermal Evaporation (Th E)	Organic and Metal Evaporation (OLED/OPV)
PVD-handy sm	✓	✓	✓

TECHNICAL SPECIFICATIONS

Base Pressure $\approx 2 \times 10^{-6}$ Torr
Substrate Size Max. 3" diameter
Thickness Measurement In-situ measurement with Quartz X-tal Oscillator
Temperature Controlling System PID method
Number of Power Sources 1
Number of Sources Max. 2
Loading Raised bell jar with a lift mechanism
Control Semi-Automatic

POWER SOURCES

- DC and/or RF Power Supply for Sputtering Magnetron Source
- Effusion Cell A.C. Power Supply for Metal and/or Organic Evaporation Sources
- Power Supply for Resistive Thermal Evaporation Source