



Quantum Design

LATIN AMERICA

Raising The Science

Materials Science

Spectroscopy

Cryogenics

Optics

Nanoscience

Sample Synthesis

Biotechnology & Chemistry

Industries

Microscopy

Quantum Technology

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Intercovamex assembles high vacuum deposition systems with only high-quality components from world leading companies. There are hundreds of scientific papers using its systems such as sputtering, thermal evaporation, pulsed laser deposition and CVD. Configurations are often specially adapted to customers technical and budgetary needs.

Among the different systems aiming thin film deposition, Intercovamex offers standard or customized CVD (both plasma and hot filament CVD), PVD, PLD, sputtering and so on. The customer can choose different shapes of chambers to fit his experiments and his budget as well as choose several options and configurations, such as hot plate, target rotation, carousel of targets and so on.

Most common applications:

- Materials science
- Inorganic thin film deposition
- Stoichiometric deposition
- Ceramics
- Metal alloys
- Glasses
- Surface coating – research or industrial

BIG AREAS

Industries | Nanoscience

Sample Synthesis

Key features:

- Top loading and cleaning with a hinge
- Single compact frame (vacuum chamber + electronics)
- Evaporation or Co-evaporation
- Sputtering or Co-sputtering
- Multi-technique system (Evaporation and Sputtering)
- Loading chamber optional
- Assembled with high quality components from worldwide leaders

