The Mavasphere® Spherical Dryer is a multi purpose dryer used in the drying of Active Pharmaceutical Ingredients (API’s) and Fine Chemicals in compliance with cGMP and FDA guidelines. The Mavasphere® provides excellent drying performance over a wide range of filling capacities with a good turn down ratio.

**Material of Construction**
Stainless Steel, Hastelloy and Special Alloys.

**Shaft Sealing Designs**
Gas lubricated double mechanical seal installed outside of the product zone.

**Agitator**
Hollow heated rotating 3-blade agitator with minimal clearance between agitator blade and vessel wall.

**Bottom Discharge**
Spherical disc valve for quick opening and discharge of dried product with no dead volume.

**Standard Accessories**
Lump Breaker, Dust Filter and Sampling System.

**Optional Accessories**
Bayonet type quick closing design for body flange, Condenser and Vacuum Pump.

**Key features and advantages:**
- Minimal clearance between the vessel wall and agitator for efficient and uniform drying
- Entire vessel covered by jacket for better heat transfer
- Wide range of filling capacities with a good turndown ratio
- Minimal product hold-up for easy cleaning and validation
- Eccentrically top mounted agitator for uniform mixing and gentle drying of product
- Discharge at lowest point for complete product discharge
- Compact system with lower footprint

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**TECHNICAL DATA**

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**MAVASPHERE® SPHERICAL DRYERS**

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