



Experts in Solid Dosage Technology

A Division of *Spraying Systems Co.*



Simplify Scale-Up and Improve Product Quality

With Model 0002 Fluid Bed Processor for R&D Applications

Benefits

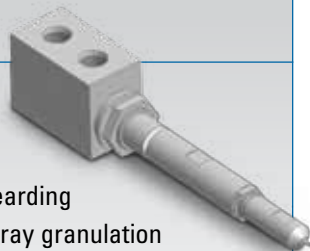
- Conidur bed plates ensure uniform air distribution through the bed
- Easy-to-use controls, adjustable touch screen and data logging
- Superior granulation and spray distribution achieved with Spraying Systems Co. nozzles
- Clear filter chamber with easy filter change-out and patent-pending reverse-pulse filter cleaning for maximum cleaning efficiency
- Precision air flow and temperature control for improved batch accuracy
- Choose from either filter socks (3-10 micron or submicron) or stainless steel mesh filter screens
- Effortless product loading, discharge, and bowl cleaning with tilting bowl and inflatable seals
- Inlet and outlet HEPA filtration standard
- Upright floor-mount GMP design with built-in leveling casters and shelf

Features

- Interchangeable process bowls (0.5 and 2 liter) to match all processing needs
- Wurster coating inserts for coating powder, seeds, beads, and tablets
- Clear processing bowls with anti-static coating available
- Liquid delivery pump integral with machine base
- Vacuum loading
- Submicron retaining filters
- Product temperature indication
- Sample thief (sleeve and contained)

Improve Performance with Spraying Systems Co. Spray Technology

Equip your machine with state-of-the-art Spraying Systems Co. spray technology, including anti-bearding in-process adjustable top-spray granulation nozzles and lances, fluid bed nozzles, and Wurster coating nozzles for superior liquid delivery and precision tablet coating.



Configurable to Meet Your Process Requirements

Custom options for Model 0002

Fluid Bed Processors include:

- Product temperature indication
- Recipe control (Batch Architect™)
- Custom PAT ports
- Nitrogen inerting systems
- Product containment and isolation configurations
- Custom liquid delivery and instrumentation
- Ultra-low airflow configurations
- Hot melt liquid delivery systems
- Custom dewpoint air preparation units
- Potent compound processing capabilities

Specifications

Standard bowl volume (L)	2*
Max. granulating capacity (L)	2*
Max. coating capacity (L)	1.8**
Reduced volume bowl (L)	0.5
System height (inches/mm)	72/1829
System width (inches/mm)	32/813

* Total bowl volume is 6.7 liters. Depending on the physical characteristics of the product being processed, up to 5 liters of material can be dried/top spray granulated.

** Extended Wurster partition is available for the 2-liter bowl. Depending on the physical characteristics of the powder/ bead used for coating, up to 4 liters of product can be coated.

Additional Resources

A Guide to Spray Technology for Pharmaceutical and Biopharmaceutical Processing

Addresses tablet coating nozzles and manifolds, SprayDry® nozzles, vessel cleaning nozzles, and more.



MAGNAFLO®/MAGNACOATER® Fluid Bed Systems

Describes how these systems optimize drying, granulating, and coating.



PHARMX® High-Shear Granulating Mixer Systems

Explains how these systems maximize mixing efficiency and shorten downtime between batches.



GRANUMILL® Size Reduction Systems

Details how these systems provide high-speed impact milling and low-speed screening of agglomerates.



Retrofit Batch Equipment and Controls

Explains how to update and expand the capabilities of current equipment through software upgrades and/or machine conversions.



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