

Fluidized Bed Coating System



Fluid Air, a division of Spraying Systems Co. specializing in solid dosage processing equipment for the pharmaceutical industry, announces the development of a fluidized bed coating system that uses ultrasonic vibration. Designed for use in laboratory research and development applications, the unique system uses an ultrasonic spray nozzle for gentle Wurster (fluid bed) coating. Instead of atomizing air pressure, the nozzle uses a tiny ultrasonic "horn," which vibrates at a fixed frequency to break up the droplets. This enables the nozzle to achieve uniform, thin-film particle coatings with droplet sizes in the 10 - 30 micron range. The system also features a controller for fine-tuning of the spray pattern and shape, providing users with adjustable, automated control over the size of the droplets.

INTERPHEX Booth 1542, www.fluidairinc.com [1]

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