



Micronization & Containment Solutions

F.P.S. Food and Pharma Systems
Via Vandelli, 20
22100 Como (CO), Italy

Visit our new web site www.foodpharmasystems.com

FPS Tailor made solutions for your needs



Meet us at
ACHEMA 2015
stand 6 D30

F.P.S. Food and Pharma Systems is a leading company in the pharmaceutical, fine chemical, food and cosmetic fields, developing, manufacturing and installing worldwide its own range of Fine Size Reduction machines and Containment Solutions. FPS guarantees quality and support in all activities: consulting, engineering, manufacturing, testing, validation, maintenance and assistance are executed according cGMP requirements within an ISO9001 certified quality system. We can offer a complete range machines assuring the fine reduction of powders of any kind of material. Since early research stages to pilot plants and then production, FPS choice assures the correct equipment for any batch size and any development step.

During ACHEMA 2015 FPS present a multimillion station integrating a spiral jet mill (PM5), a loop mill (QMill6) and a pin mill in the same support, with minimum footprint. Adopted solutions allow an easy process scalability.

FPS containment systems are specifically designed meeting the safety standard following the end user and specific needs and authorities requirements. The Isolators are engineered around the process to be protected/contained.

We can design our barrier containment units for many chemical and pharmaceutical operations: Powder charging, powder drying, sampling activities, powder grinding and jet milling, powder and liquid filling, tableting, dispensing, final discharge and packing, in process controlling and recording, for environment/operator protection as well as for sterile applications.



During ACHEMA 2015 FPS presents a Laboratory Isolator for quality control operations (Hardness testing, Disintegration testing, Friabilator and Karl Fischer), for weighing and dispensing operations or development

activities for example micronization/milling equipment (Labo mill or Pilot Mill 2).

Our design approach is full customer oriented in order to reach the best final result: a tailor-made equipment, for a solution engineered in coordination with the end user.

To satisfy the increasingly demanding new API generations, FPS has intensified development activities at its Technical R&D Centre with the aim of exploring as many variables as possible, continuously improve micronization and containment process knowledge, develop new process solutions, customize process solutions to enable best containment and micronization results, easiness of cleaning and cleaning validation, shorter turnaround times, full control of process variables, full scalability from R&D to production phases.

FPS R&D centre, (recently re-modernized and expanded with a new test center equipped in order to execute short to medium duration micronization technical tests) is available for all possible kind of collaborations: our commitment is not only to improve our own know-how and process equipment, but also to face your new challenges to serve the chemical and pharmaceutical world.