



PilotMill-Zero

PilotMill-Zero is the world smallest fluid jet mill launched by FPS in 2009. Together with the established LaboMill and PilotMill-1 it completes the FPS line of micronisation systems specifically designed for pharmaceutical R&D laboratory applications:

- Based on the proven FPS Spiral Jet Mill technology;
- Designed to effectively operate despite the miniaturized construction;
- Maintaining a high performance level and reliability.

PilotMill-Zero represents the right solution for preliminary feasibility micronisation trials with milligram size batches of New Chemical Entities, as well as of many other products.

As per the trials performed in our laboratory using lactose:

- 10mg is minimum batch;
- Recovered product: 95% yield on a 200mg batch.

At FPS R&D and Test Centre it is possible to perform technical trials with your products and PilotMill-Zero.

TECHNICAL DATA

Dimensions

3/4" milling chamber

Material

AISI316L for product contact parts

Gaskets

Silicone-FEP

Surface finish

Mirror polished

Batch size

Minimum 10mg- Maximum 200mg

Yield

75% (batch 10mg)

82% (batch 20mg)

95% (batch 200mg)

Utilities

4mm connection – Air / Nitrogen

Working pressure

From 1barg up to 6barg

Documentation

Operation Manual on CD-Rom

Headquarters

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Production and Test Facilities

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