



PILOTMILL-5

The PILOTMILL-5 jet mill is designed for product development needs, where batches from 100g to 100kg are considered. It is available in top and bottom discharge configurations, to better fit different needs.

The PILOTMILL-5 is the result of an unparalleled optimisation study that involved the milling chamber, the nozzles and the classifier. All connections of components have been done in order to be in compliance with cGMPs to assure quick and easy assembling and disassembling operations. The number of components has been reduced at minimum in order to make easier and faster also cleaning and validation activities. It could also be available on movable table version for easy transport.

The PILOTMILL-5 is available with volumetric or gravimetric feeder; cloth bag separation filter; manual control panel; data recorder compliant to CFR21 Part11.

The PILOTMILL-5 may be easily integrated into glovebox system to allow the process of very high active or sterile products. At FPS R&D and Test centre it is possible to perform technical trials with your products and FPS jet mills.

TECHNICAL DATA

Dimensions

5" milling chamber

Material

AISI316L / PTFE

Gaskets

PTFE – FEP/Viton - Silicone

Surface roughness

< 0.25mm – contact parts

< 0.80mm – non contact parts

Batch size

Minimum 100g – Maximum 100kg

Productivity

Minimum 0,2kg/h – Maximum 30kg/h

Yield

>99.5% (depending on batch size)

Gas consumption

46.5 Nm³/h (@7barg supply)

79.7 Nm³/h (@12barg supply)

Working pressure

From 2 up to 12barg

Headquarters

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