



## PiLOTMill-2

The PiLOTMill-2 jet mill is designed for product research and developments needs, where batches from 1g to 3kg are considered. In function of these process condition, the PiLOTMill-2 jet mill is designed to assure high micronized product yield. It is available in top discharge configuration with product recovery inside the filtering bag to further maximise product yield.

The PiLOTMill-2 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.

The PiLOTMill-2 is available with volumetric feeder, cloth bag separation filter, manual control panel and data recorder compliant to CFR21 Part 11.

The PiLOTMill-2 may be easily integrated into glovebox system to allow the process of very high active or sterile products.

## TECHNICAL DATA

### Dimensions

2" milling chamber

### Material

AISI316L / PTFE / Ceramic

### Gaskets

PTFE – FEP / Viton - Silicone

### Surface roughness

< 0.25µm – contact parts

< 0.80µm – non contact parts

### Batch size

Minimum 1g – Maximum 3kg

### Productivity

Minimum 5g/h – Maximum 1kg/h

### Yield

>99.5% (depending on batch size)

### Gas consumption

11.6 Nm<sup>3</sup>/h (@7barg supply)

19.8 Nm<sup>3</sup>/h (@12barg supply)

### Working pressure

From 2 up to 12barg

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### Production and Test Facilities

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