

WITH **CRYO**,  
YOU CAN MILL  
MUCH MORE THAN  
YOU THINK



WE  
CARE  
ABOUT  
MILLING

# CRYO FEEDER CF-25

Since 75 years, Frewitt has established itself as the market leader in milling and grinding machines. In its factories, Frewitt develops and produces high quality mills. Thanks to its wide range of skills and know-how, Frewitt is the ideal and most qualified partner for your solutions.

Listening to its market, Frewitt has developed a system that allows materials to be cooled down to their point of friability in order to facilitate mechanical reduction, our CRYO-FEEDER CF-25 cryogenic module.

By embrittlement, the cryo-milling allows users to reduce polymer type products to powder and limits the phenomenon of degradation, which preserves the quality of the milled product.

This module can be used with the entire range of Frewitt machines.

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## WHY CHOOSE FREWITT ?

1

Module allowing you to condition your products that cannot be crushed conventionally or which are very sensitive to the rise in temperature

2

Solution that will optimize your production time and increase quality sizing

3

An optimized and flexible investment, allowing adaptation to future process requirements

4

Designed to guarantee your safety

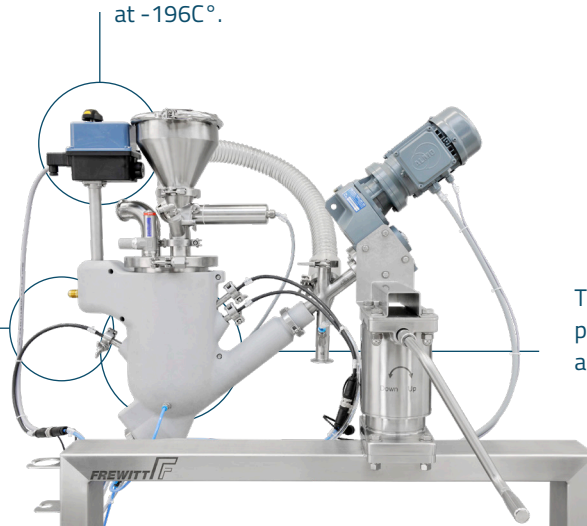
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Developed with our commitment «FREWITT CARES ABOUT YOU»

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Automatic regulation of the liquid nitrogen supply to guarantee the immersion of the product at  $-196^{\circ}\text{C}$ .

Management of nitrogen consumption obtained by automated and secure control



Thermal insulation to prevent nitrogen evaporation and increase operator safety



## PROCESS CHARACTERISTICS



**Maximum size of the product at the entrance**  
6 mm



**Productivity**  
1-35 kg/h



**Product temperature range**  
up to  $-196\text{ C}^{\circ}$



**Product density**  
up to  $2\text{ kg/dm}^3$

## TECHNICAL CHARACTERISTICS



### Materials

AISI 316/316L - $Ra \leq 0.8\ \mu\text{m}$	Interior
AISI 304/304L - $Ra \leq 1.4\ \mu\text{m}$	Exterior
EPDM/PTFE/Silicone	In product contact, certified FDA



### Dimensions & weight

Length	1'400 mm
Width	800 mm
Height	2000 mm
Weight	250 kg

## EXECUTION



### Standard

Mobile stand  
Disconnection module  
+/- 20 mm  
Management by HMI  
Automatic LN2 control  
Polymer thermal insulation



### Options

Double-walled stainless steel thermal superinsulation  
ATEX option  
Integration and communication with the grinder

## WORLDWIDE PRESENCE



### FREWITT HEADQUARTERS

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