

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





## 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.

#### WHY CHOOSE FREWITT?



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



Solution that will optimize your production time and increase quality sizing



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



Designed to guarantee your safety



Developed with our commitment «FREWITT CARES ABOUT YOU»

Automatic regulation of the liquid nitrogen supply to guarantee the immersion of the product at -196C°.



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 C°



**Product density** up to 2 kg/dm<sup>3</sup>

## TECHNICAL CHARACTERISTICS



#### Materials

AISI 316/316L - Ra≤0.8 μm Interior
AISI 304/304L - Ra≤1.4 μm 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

ATEX option

Integration and communication with the grinder



#### FREWITT HEADQUARTERS

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