



# DOSING SOLUTIONS

PROFI-VALVE, PROFI-ACCURATE & PROFI-DOS



This technology is patented and owned by Frewitt. Any infringement of our rights will be subject to immediate legal action.

WE  
CARE  
ABOUT  
MILLING

[WWW.FREWITT.COM](http://WWW.FREWITT.COM)

# DOSING SOLUTIONS

Our dosing equipment ensures that your product is incorporated into your process in the correct proportions.

SUITABLE FOR THE FOLLOWING INDUSTRIES:



Pharmaceutical



Battery



Chemical



Food

## PROFI-VALVE



The ProFi-Valve volumetric cell wheel dosing devices are compact conveyor systems for solid products. The product is gently extracted in precise doses, thus avoiding clogs in the feed line. Available in 3 different versions, there is a ProFi-Valve suited to your needs!

Thanks to their compact construction, our dosing devices can be easily integrated in Frewitt units or into existing process plants.



ProFi-Valve 32



ProFi-Valve 80



ProFi-Valve 150

### TECHNICAL CHARACTERISTICS

#### Material

AISI 316/316L - Ra≤0.8 μm  
Interior

AISI 304/304L - Ra≤3.2 μm  
Exterior

EPDM/PTFE/Silicone In product contact,  
certified FDA

### EXECUTIONS



#### Standard

Certified ATEX for  
construction for zones 0/20



#### Optional

MIE up to 1 mJ for a high  
level of production safety

Containment up to OEB level  
5 (< 1μg/m<sup>3</sup>) available)

# PROFI-ACCURATE



The ProFi-Accurate dosing valve is a compact system designed for the gentle and precise dosing of solid products, a uniform and clog-free product flow is thus ensured.

Thanks to its compact construction, the stand-alone ProFi-Accurate dosing valve is easily integrated into Frewitt units or into existing process plants. The valve is actuated by a servomotor, which effectively prevents the formation of product bridges in the vibration or oscillation mode.

## TECHNICAL CHARACTERISTICS



### Dimensions & weight

Length	572.5 mm
Width	424 mm
Height	100 mm

## EXECUTIONS



### Standard

GMP-compliant design  
Certified ATEX construction for zones 1/21



### Optional

MIE up to 1 mJ for a high level of production safety  
Containment up to OEB level 5 (< 1µg/m<sup>3</sup>) available)

# PROFI-DOS



The ProFi-Dos dosing model consists of an operated gate valve. It is ideal for powders that have difficult flowability and tend to form bridges or agglomerates.

ProFi-Dos can be easily integrated into Frewitt or customer installations. The drive element of the valve is a servo-motor which enables precise and even dosing control. Low installation height combined with highly precise dosing are special features of the ProFi-Dos.

## TECHNICAL CHARACTERISTICS



### Dimensions & weight

Length	450 mm
Width	450 mm
Height	166 mm
Weight	31 kg

## EXECUTIONS



### Standard

Parameters managed by the HMI



### Optional

Available in ATEX design



WORLDWIDE PRESENCE



04/24

FREWITT HEADQUARTERS

**Frewitt manufacturer of machines Ltd.**  
Route du Coteau 7  
1763 Granges-Paccot  
Switzerland

**Postal address**  
P.O. Box  
1701 Fribourg  
Switzerland

P: +41 26 460 74 00  
info@frewitt.com  
www.frewitt.com

**Frewitt Pharma Machinery  
(China) Co. Ltd.**  
1029 Shenfu Road,  
Xinzhuan Industrial Zone  
201108 Shanghai  
China

P: +86 21 548 32950  
info@frewitt-china.cn  
www.frewitt-china.cn

**Frewitt USA, Inc.**  
249 Homestead Road,  
Building 5, Unit 8  
Hillsborough, NJ 08844  
USA

P: +1 908 829 5245  
info@frewitt-usa.com  
www.frewitt-usa.com