



DOSING SOLUTIONS

PROFI-VALVE, PROFI-ACCURATE & PROFI-DOS



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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 - $Ra \leq 0.8 \mu m$
Interior

AISI 304/304L - $Ra \leq 3.2 \mu m$
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 ($< 1 \mu g/m^3$) 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/m³) available)

PROFI-DOS



The ProFi-Dos dosing model consists of a pneumatically 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



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FREWITT HEADQUARTERS

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