

IMPACT POWDER FEEDER IS EvoCSII

10016.00.0.00

Key facts:

- Uniform powder feeding
- Fully integrated into control system
- Conveyor discs can be exchanged
- Feed pressure up to 80 bar
- Convenient container exchange and cleaning
- Ergonomic working height
- Volumetric and gravimetric feeding modes
- Continuous powder level monitoring



The Impact Powder Feeder IS EvoCSII delivers powder particles evenly to the Impact Gun using process gas through a powder hose. The base housing is designed for an operating pressure of up to 100 bar. The container and feeding unit are available in two pressure variants: 60 bar and 80 bar. Each version includes a mechanical coding to prevent incorrect installation.

For powders with poor flowability, an adjustable vibrator is used to loosen the powder and improve flow to the feeding unit. One conveyor disc is included as standard. Depending on the powder properties, additional discs with different specifications can be ordered.

The Impact Powder Feeder IS EvoCSII is fully integrated into the Impact EC-GM-Unit EvoCSII control unit, allowing all relevant parameters to be accessed and recorded at any time. A built-in scale continuously monitors and displays the powder level during operation.

Feeding rate can be based on either the volumetric principle (theoretical volume) or gravimetric principle (actual mass in g/min).

For container change or cleaning, the powder container including the feeding unit can be removed easily and replaced immediately – minimizing downtime and allowing for fast process continuation.

Thanks to its user-friendly design, cleaning and wear part replacement is simple and efficient. The system is also equipped with an operating hours counter, enabling insights into system usage and maintenance planning.

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Technical data

Technical Specifications

Compatibility	Impact Spray System EvoCSII		
Process Gas	N2		
Available Variants	60 bar	80 bar	
Pressure Vessel Volume	3.2 l	2.4 l	
Length	723 mm		
Width	548 mm		
Height	1303 mm (with display)	1118 mm (without display)	
Weight	97 kg (with display)	92 kg (without display)	

Dosing Disc

Part No.	10002.03.008	10002.03.009	10002.03.010
Hole Count	120	240	492
Hole Ø	3 mm	1,5 mm	1,5 mm
Hole Volume	2.968 cm ³	1.424 cm ³	3.043 cm ³

Performance Data

Disc Rotation Speed	0-14 min ¹	
Nominal Power	102 W (with display)	90 W (without display)
Nominal Voltage	24 V DC	
Nominal Current Draw	6 A	
Powder Hose Length	3 m	
Operating Temperature	5 - 50°C	
Cable / Hose Length	1-20 m	
Scale Resolution	0,66 g	