



eFlex - Efficient Tablet Deduster

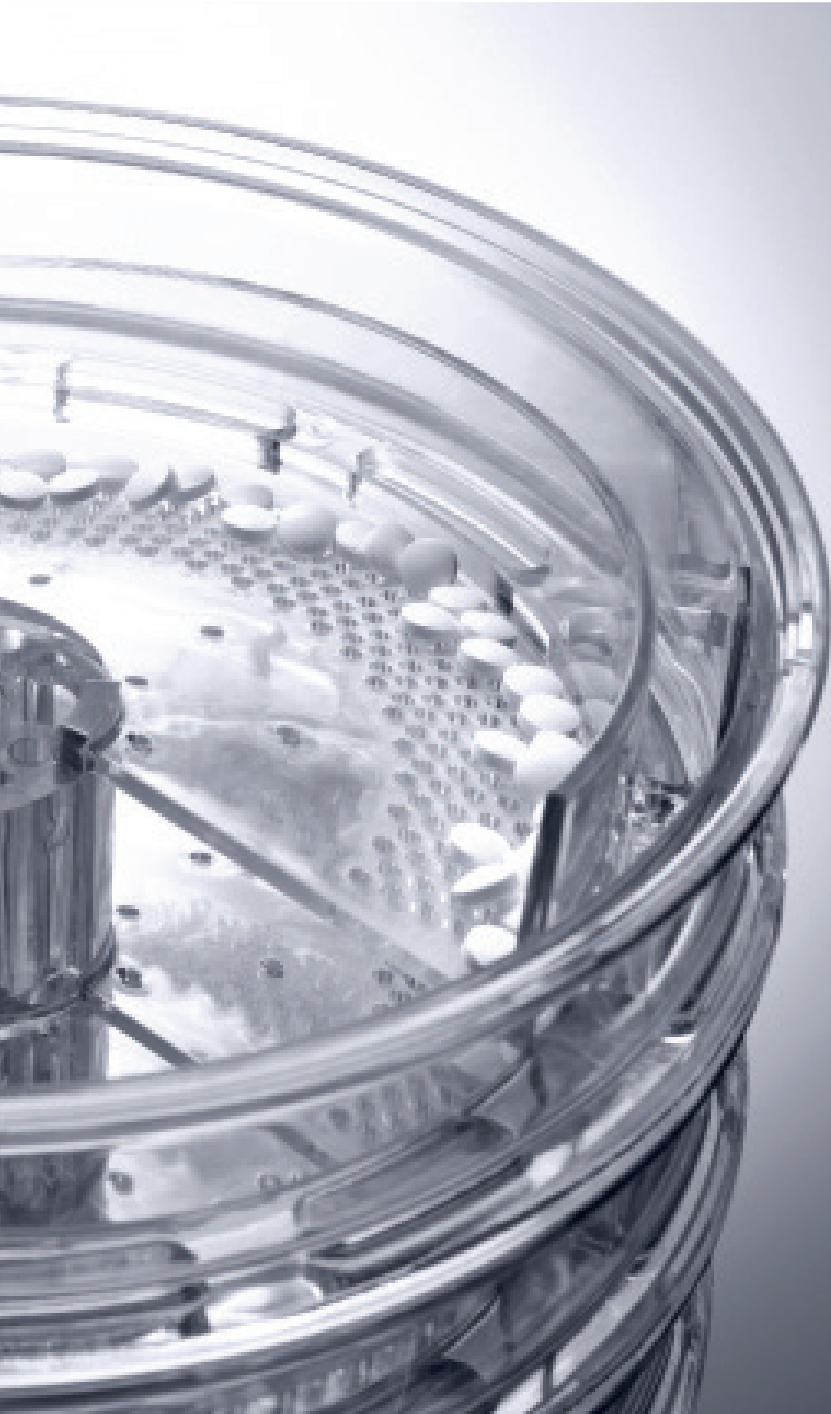
The eFlex is a tablet deduster based on a new generation of segmented, modular spiral molded in Tritan Copolyester. Each of the spiral segments can be removed individually for easy dismantling, cleaning, and validation, has a high degree of robustness, and is fully transparent. The clear segments provide a 360° direct view to the tablets throughout the process.

This unit uses enlarged circumferential dust extraction channels and central air jets on the tablets, immediately separating any powder excess during the dedusting process. It only takes seconds to convey the tablets to the deduster outlet and provide excellent dedusting efficiency.

Utmost care has been taken to simplify the design in order to reduce the amount of parts to be assembled and disassembled, and to eliminate the need for tooling.

KEY BENEFITS

- Suitable for most high-speed tablet presses
- cGMP compliance
- FDA-approved light components to handle and wash
- Patented dust extraction solution
- Ergonomic, Efficient, Robust, Reliable
- Fast cleaning, easy validation & maintenance
- Small footprint



TECHNICAL SPECIFICATIONS

Minimum / Maximum product size	From Ø 4 to Ø 25 mm	
Inlet chute	ISO DN 50 Flex connect©	
Outlet chute (with metal detector)	TC ISO 1127 DN 50	
Conveying adjustment	Frequency / Voltage	
Self emptying	Yes (without aspiration)	
Requested air extraction	Adjustable 150 to 200 m ³ /h pressure drop 2000Pa	
Dust extraction connection	TC ISO 1127 DN 50	
Compressed air connection	QS8	
Requested compressed air	min. 5 bar	
Noise level (without product)	≤68 dB (A)	
Power supply	110V / 230V	
Frequency	50 Hz / 60 Hz	
Polymer contact parts	Tritan MX 711	
Contact parts finishing	RA < 0,5 µm	
Frame parts	Stainless steel 304	
Frame finishing	Mirror polished	
Frame mounted on wheels	Yes	
IQ-OQ protocol & Material certificates	Available	
Metal detector	CEIA THS/PH21 EE	Lock Insight
Head opening	100 x 40 mm	98 x 35 mm
Accuracy stainless steel	0,50 mm	0,50 mm
Accuracy non-ferro	0,35 mm	0,35 mm
Accuracy ferro	0,30 mm	0,30 mm
Speed examples	tablets/hour	
Round tablets Ø 6 mm x 3 mm	1.900.000	
Round tablets Ø 8 x 3,5 mm	600.000	
Round tablets Ø 13 x 4 mm	290.000	
Shaped tablets 15 x 8 x 5 mm	300.000	
Shaped tablets 21 x 10 x 7 mm	140.000	