Medium conveying
performance

Economical
deduster
for standard
applications

Optional roll-away
stand

Downward
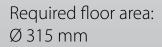conveying 300 mm

Drive unit
protection rating
IP 20

Controller C820ER

Best choice if
only deburring
and dedusting is
needed

Required floor area:
Ø 315 mm

Basic operation of the deduster E80

- Downward conveying range 300 mm
- Conveying of tablets of Ø 5 - 25 mm and capsules

Design

- Conveying performance complies with standard demands
- Acrylic glass housing (PMMA), stainless steel drive
- Construction according to GMP specifications
- Downward conveying of tablets / capsules generated by continuously adjustable vibration
- The process can be controlled visually
- The electronic control allows the pre-selection and reproduction of operating conditions
- The electronic control is available as an external (C820ER) controller
- The outlet can be rotated up to 360° facing the inlet.
- The deduster complies thus with any local situation

Versions

- Model E80 (230V, 50/60Hz) - acrylic glass housing (PMMA / PC)
- Model E80 (115V, 50/60Hz) - acrylic glass housing (PMMA / PC)

Deburring and dedusting

- Air flow system removes efficiently dust particles from tablets
- Air flow system is an optimized combination of blow air and vacuum dust extration

Features

- For cleaning the deduster can be disassembled easily and without tools by a single person
- Low maintenance
- Vibration is transmitted from the oscillating drive to the housing

Options

- Handle for roll-away stand
- Validation documents

Deduster type		E80 (115V)	E80 (230V)
Measures			
Weight	kg	27	27
Downwards conveying	mm	300	300
Maximum tablet diameter	mm	25	25
Maximum dedusting path	m	2.8	2.8
Technical Data			
Power supply		100 - 120V, 50/60Hz	200 - 240V, 50/60Hz
Maximum current	A	1	1
Compressed air ($p_ü$ = 1.5 – 2 bar)	l/min	100 - 200	100 - 200
Air extraction (p_u = 10 – 20 mbar)	m³/h	50 - 100	50 - 100
Noise emission at 1 m distance	dB(A)	< 75	< 75
Protection rating of drive unit		IP20	IP20
Conveying Capacity			
Round Ø 5 x 2 mm	x 1'000 tablets / hour	3'000	3'000
Round Ø 8 x 3 mm	x 1'000 tablets / hour	1'200	1'200
Round Ø 10 x 4 mm	x 1'000 tablets / hour	800	800
Round Ø 15 x 4 mm	x 1'000 tablets / hour	180	180
Round Ø 23.4 x 5.7 mm	x 1'000 tablets / hour	80	80
Oblong 19.4 x 8.6 x 6 mm	x 1'000 tablets / hour	210	210