

# eCaps

SEGMENTABLE **BRUSH** CAPSULE POLISHER  
METAL DETECTOR

PHARMA **TECHNOLOGY**



The **eCaps** is based on a new generation of modular segments of 400mm. Each section includes a patented rotational brush, specifically designed to elevate, dedust and polish any size and shape of capsules, from 000 to 5.

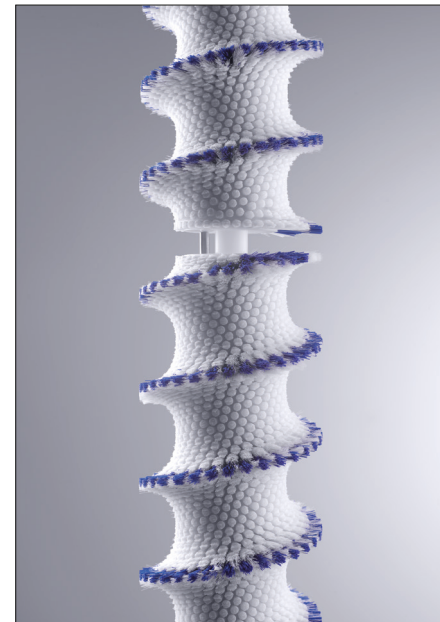
The modular design offers 3 different conveying heights: 1000 - 1400 - 1800mm and interchangeability between each polishing segment.

The patented technology combines a homogeneous vacuum flow on one side, which provides very high polishing performances, and a unique aspiration window design on the other, to ensure complete emptying of any type of capsule shape.

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.

The eCaps is equipped with **Ceia metal detector**, and optionally with **Empty Capsule Eliminator (ECE)** and/or **2-ways diverter**.

Patented segmentable brush



**Key benefits :**

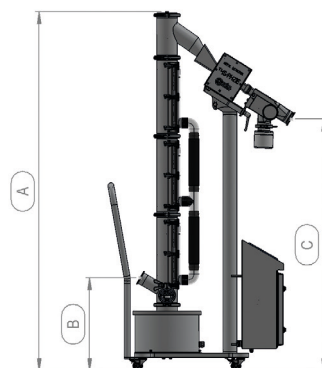
- Ergonomic
- Efficient
- Robust
- Reliable
- Total emptying with all capsules size/weight
- 3 different elevation heights
- Viewing windows to monitor process
- Optional Empty Capsule Eliminator & 2-ways diverter

Technical data	eCaps 1000 CE	eCaps 1400 CE	eCaps 1800 CE
Total height (A)	1472 mm	1872 mm	2272 mm
Inlet height (B)	514 mm	514 mm	514 mm
Outlet height (C)	885 mm	1285 mm	1685 mm
Outlet height with ECE (F)	590 mm	990 mm	1390 mm
Floor dimensions (DxE)	480 mm x 760 mm *	480 mm x 760 mm *	480 mm x 760 mm *
Net weight (+/- 5Kg)	140 kg	145 Kg	150 kg
Gross weight (+/-5Kg)	155 kg	160 Kg	165 kg

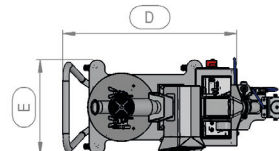
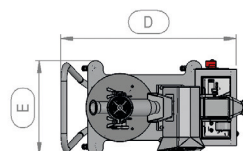
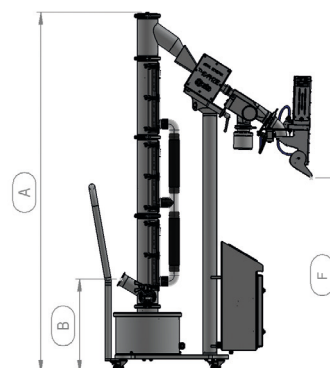
Technical data for all units	
Inlet chute	TC ISO 1127 DN 50
Outlet chute	TC ISO 1127 DN 50
Conveying adjustment	Brush Rotation speed
Self emptying	Yes
Requested air extraction	Adjustable 110 - 150 m³/h - pressure drop 150 - 2000 Pa
Dust extraction connection	TC ISO 1127 DN50
Requested compressed air	N/A or 350 l/min - Min. 4,5 bar *
Compressed air connection	Ø 8 mm*
Noise level	≤68 dB (A)
Power supply	110V ± 10 % or 230V ± 10 %
Frequency	50 Hz / 60 Hz
Non-Metallic Contact Parts	POM C - Nylon - Silicone
Contact parts finishing	Ra ≤ 0,8 µm
Frame parts	Stainless steel 304
Frame finishing	Brushed 320
Frame mounted on wheels	Yes
IQ-OQ protocol	Available
Material certificates	Available
Packaging	Wooden Box
Capacity / Speed Examples :	Caps/hour
Capsules T5	500.000 *
Capsules T4	500.000 *
Capsules T3	300.000 *
Capsules T2	300.000 *
Capsules T1	300.000 *
Capsules T0	215.000 *
Metal detector :	Ceia THS/PH21 EE
Head opening	100 x 40 mm
Stainless steel 316L	0,50 mm
Non-ferro	0,35 mm
Ferro	0,30 mm

\* Depending on options

eCaps with metal check



eCaps with metal check & ECE



PHARMA **TECHNOLOGY**



Rue Graham Bell 8  
B-1402 Nivelles, BE  
Tel: +32 67 70 13 00  
info@pharmatec.be  
www.pharmatec.be

eCaps with optional Empty Capsule Eliminator (ECE)



ECE



2-ways diverter

