

CS1 Manual Pharmaceutical Decapsulator Capsule Opening and Powder



The Vacuum Decapsulator creates the air jet to transform 4-5bar compressed air provided by outside air source into the high-frequency pulsed vacuum. The high-frequency pulsed air continuously draws capsules in the working chamber within a certain period. As a result, capsules separate gradually; powder or pellets inside fall down into the barrel. Due to flexible forces instead of mechanical forces, capsule shells keep completely intact; no fragment created in this process.

This vacuum decapsulator is available for all sized capsules, no changing parts needed.

Actual Use

The following situation will cause abnormal capsule, it is need to use DECAPSULATOR to recycle powder:

1. At start-up stage of each batch of drug production, it is easy to appear instable filling of powder during debugging of Capsule Filling Machine, they are unqualified while the product can not meet the requirement with powder filling leve.
2. During daily production of pharmaceutical enterprises, the unqualified capsule products is caused by abnormal operation of relevant devices.
3. During daily production of pharmaceutical enterprises, the unqualified capsule products is caused by abnormal raw materials or unstable production process.
4. Additionally, the research institute of new medicine will also have some capsule products that failed to meet the expected requirements and needs to be improved further during small scale test stage of new drug to group for formula.

5. Simultaneously, with increasing higher requirements to quality, more and more enterprises will import automation equipment used for determination of weigh&quality of capsule products in its own process, so there will be more unqualified capsule products to have the opportunity to be filtered

Advantages:

- Pure powder reclaiming, no shattered shells.
- Almost 100% capsule open rate.
- Save time and waste.
- Deal with abnormal capsules in a high speed.
- Cause absolutely no harm to power/pellets/tablets inside the capsule.
- Applicable to any sized capsules.
- Air is the only contact material with powder; no contamination.
- Usable capsule shells after separation.
- Convenient to operate, place and maintain.

Performance

Model	CS-mini	CS1	CS2-A
Max Efficiency	500caps/min	700caps/min	3000caps/min
Applicable Range	000#, 00#, 0#, 0el, 1#, 2#, 3#, 4#, 5# and other hard capsules		
Mode	Semi-auto	Semi-auto	Semi-auto
Sieving	Manual	Manual	Manual
Working Voltage	AC100-240V 50-60HZ		
Power Rating	35W	35W	35W
Chamber Capacity	1.7L	1L	7.5L
Dimensions(mm)	607×310×553	450×600×650	840×420×490
Weight	45kg	55kg	80kg
Operation Style	Buttons	Buttons	Buttons