

Counting & filling systems

The new standard in tablet and capsule counting

Up to 400 bottles/min.



CREMER

Counting and packaging systems

Cremer's ambition to remain your leading partner in offering both standardised as well as fully customised counting and packaging solutions has led to a range of the fastest and most efficient bottle filling systems for solid dose products.

The CFI and CFS series have set a new standard for pharma counting and bottle filling with their unmatched speed and accuracy. Because of their modular and customisable design these counting and filling systems deliver unparalleled performance, productivity and reproducibility.

Standard features

- Filling up to 400 bottles per minute
- Small footprint
- Few change parts and 100% reproducibility
- Seamless integration into existing production lines
- Modular design for high flexibility

CFI-622



The CFI-622 counting and in-motion filling system comes in three different models for accommodating four, six or eight CF-622 counting modules, depending on the required output.



The flexible modular approach and user friendly operation combined with minimal maintenance requirements and fast tool-free changeover, leaves nothing more to be required of a high standard pharmaceutical counting and filling system.



Filling up to 400 bottles per minute!

CFS-622

The CFS-622 can accommodate up to four counting modules, depending on the required output. With its small footprint the CFS can be seamlessly integrated into any bottle packaging line.



With a high-precision servo driven feed screw and 'dipping' filling nozzles for fast transportation and filling of almost any kind of plastic or glass bottle or container with speeds up to 200 bpm.



High speed servo precision for optimal process control

CF-622 Counting module



The innovative and patented CF-622 counting module is the result of extensive engineering and development. Its slim and modular design allows for a variable number of counting modules to be placed into a CFI or CFS counting and filling system to meet the precise performance requirements and output.

The CF-622 is able to count almost any kind of tablet or capsule with 100% accuracy. Servo driven product dosing and vibratory plates provide fast and consistent product flow with very few settings. Six product separator flaps and two additional discharge flaps, all servo controlled, give the 6-channel counting module its unprecedented speed of up to 45 discharges per minute on a 100 piece count.

Separate counting modules for customised output requirements. Many advanced features such as central dust extraction, tablet or capsule eject system, bottle reject system, bottle positioning sensors and static electricity elimination.



The counting modules are easy to clean and do not require any change parts for different tablet or capsule sizes. Removal of the pharma grade contact parts requires no tools and takes only 1 or 2 minutes to perform.



Even after two decades the CF-1220 is still renowned for its reliability and durability. Over the years this easy-to-use tablet and capsule counter has found its way to many major pharmaceutical and generic drug companies all over the world.

CF-1220



The CF-1220 is a 12-channel linear tablet and capsule counter with integrated bottle conveyor. The counter is specifically designed to be incorporated into complete packaging lines but is also very well suited as a stand-alone system.

With its cGMP compliant design, FDA approved contact parts and 21CFR part 11 compliant HMI, the CF-1220 meets all US and European pharma-grade standards.

The linear concept and infra-red vibratory plates for efficient product separation and three product detection guarantees 100% accurate counts. Combined with a fast-acting bottle gating system the CF-1220 is still the mid-range leader for solid dose tablets and capsules.

"It's separation that counts!"



Specifications

CF-1220				
Bottles / min.	55			
Bottle shape	Round, oval, square, rectangular			
Bottle material	Glass, Plastic (HDPE, PETE)			
Bottle height	40 - 200 mm (1.57 - 7.9")			
Bottle diameter / width	20 - 110 mm (0.8 - 4.33")			
Solids	Tablets (coated and uncoated), capsules, gelcaps			
		CF-622*3	CF-622*4	
Bottles / min.*	135	150		
Bottles / min.**	150	200		
Bottle shape	Round, oval, square, rectangular			
Bottle material	Glass, Plastic (HDPE, PETE)			
Bottle height	35 - 200 mm (1.37 - 7.9")			
Bottle diameter / width	20 - 125 mm (0.8 - 4.9")			
Solids	Tablets (coated and uncoated), capsules, gelcaps			
		CFI-622*4	CFI-622*6	CFI-622*8
Bottles / min.*	160	240	320	
Bottles / min.**	200	300	400	
Bottle shape	Round, oval, square, rectangular (also suited for pucks)			
Bottle material	Glass, Plastic (HDPE, PETE)			
Bottle height	35 - 200 mm (1.37 - 7.9")			
Bottle diameter / width	20 - 125 mm (0.8 - 4.9")			
Solids	Tablets (coated and uncoated), capsules, gelcaps			
*on average 100 count		**on average <60 count		

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