

# FCM系列液体灌装机

## FCM Series Liquid Filling Machine

### ► 用途 (Application)

FCM广泛应用于需要精确灌装口服液和粘稠轻质液体的行业。它特别适合制药和保健行业，用于灌装口服药物、糖浆、补品和其他类似产品。此外，它还可用于食品和饮料行业，用于灌装酱汁、调味品和调味糖浆等轻质液体产品。该机器可确保灌装准确高效，提高生产率和产品质量。

FCM is widely used in industries requiring precise filling of oral liquid and light liquids with viscosity. It is particularly suitable for the pharmaceutical and healthcare industries for filling oral medications, syrups, tonics, and other similar products. Additionally, it can be utilized in the food and beverage industry for filling light liquid products such as sauces, dressings, and flavored syrups. This machine ensures accurate and efficient filling, improving productivity and product quality.



### ► 特点 (Features)

1. 采用活塞泵，可实现口服液及粘度轻质液体的高精度灌装，确保剂量准确，减少产品浪费。
2. 紧凑型设计，优化空间利用率，便于顺畅的瓶子输送。流线型设计提高了稳定性和整体性能。
3. 采用无瓶不灌装功能，确保只有瓶子在位时才进行灌装，防止产品浪费。
4. 通过变频调节速度，可实现精确控制，适应不同的生产要求。
5. 自动显示和计数功能，实时显示灌装过程，便于精确监控。
6. 自动进瓶、灌装、加盖、封口，简化包装流程，提高效率。
7. 按GMP要求设计，确保符合制药等受监管行业的质量和 standards。

1. Utilizes piston pump, providing high-precision filling suitable for oral liquid and light liquids with viscosity. This ensures accurate dosing and minimizes product waste.
2. Compact design, optimizing space utilization and facilitating smooth bottle conveying. The streamlined design enhances stability and overall performance.
3. Incorporates a no-bottle-no-fill function, preventing product waste by ensuring that filling occurs only when bottles are present.
4. Adjusts the speed through frequency conversion, allowing for precise control and adaptation to different production requirements.
5. Auto display and count feature, providing real-time information on the filling process and facilitating accurate monitoring and control.
6. Auto entry, filling, adding capping, and sealing, streamlining the packaging process and improving efficiency.
7. Designed by GMP requirements, ensuring adherence to quality and safety standards in pharmaceutical and other regulated industries.



### ► 技术参数 (Technical Parameters)

参数ITEM	型号TYPE	FCM 4/1	FCM 8/2
灌装头数量 Number of Filling Heads	-	4 heads	8 heads
绞合头数量 Number of Twisting Heads	-	Single head	Double heads
灌装范围 Range of Filling	ml	20~1000	
完美范围 Range of Perfect	-	20-100ml 50-250ml 100-500ml 200ml-1000ml	
盖子选择 Choice of Cover	-	防盗盖、螺丝盖、ROPP铝盖 Burglarproof cover, Screw cover, ROPP aluminum cover	
生产能力 Production Capacity	bottles/hour	2400~3000	3600~5000
计量精度 Measure Precision	%	≤±1	
合格率 Rate of Eligible	%	≥99	
功率 Power	-	220V 50/60Hz	
总功率 Total Power	kw	≤1.2	≤2.2
气压 Air Pressure	mpa	0.4~0.6	
重量 Weight	kg	800	1000
外形尺寸 Overall Size	mm	2000*1200*1600	2200*1200*1600