

铂特®  
**Bottec**



**QUANTITATIVE** 定量灌装解决方案  
Filling System Solution

广州铂特机电设备有限公司  
Guangzhou BOTTEC Machinery Co., Ltd.

# BTC-FL-QL系列定量灌装解决方案

## BTC-FL-QL Series of Quantitative Filling Solution

### 直线式定量灌装机 Linear Quantitative Filling Machine

本机是最新一代的直线式定量灌装机，适用于5L~20L各类油品，酱料及日化类产品的高精度定量灌装。设备主要配置的电子称重、质量流量计、容积式流量计、可编程逻辑控制器、人机界面、伺服驱动、电气控制、气动控制等系统均采用国际知名品牌，是所有油脂、日化，饮料企业满足新型城市消费的首选包装设备。

The latest generation of linear weighing filling machine is specially designed and developed for quantitative filling of all kinds of oils, sauce, and cosmetics, with filling range of 5L~20L. Most components on the machine, including electronic weighing device, mass flowmeter, volumetric flowmeter, PLC, HMI, servo drives, electrical control, pneumatic control, etc., are all world famous brand. Thus, the machine, satisfied with the latest citizen consumption trend, should be the first choice filling machine for all oil, cosmetic, and beverage companies.





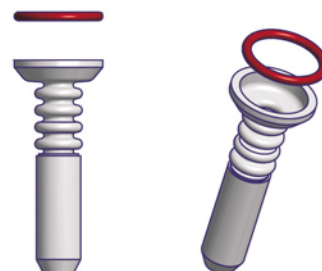
## 直线式定量灌装机 Linear Quantitative Filling Machine

### ■ 设备性能

- 双排16-20头灌装，与传统的单排灌装方式相比，减小灌装等待时间，灌装效率高。
- 双速灌装方式，平均灌装精度 $\leq \pm 0.07\%$ ；灌装机计量精准、可靠，可兼容5L~20L瓶灌装要求。
- 高精度称重仪，对灌装量自动修正，具有自动去皮重、累计桶数、显示灌装量、超欠量及报警功能。
- 灌装精度可在线检测，无瓶不灌装。灌装过程灌装机无残液滴漏，无溢瓶现象。
- 采用西门子触摸屏实现人机对话，可进行多种参数设置及监视，可对称重仪进行键盘校准及优化。
- 灌装机主体框架采用不锈钢材质，外观美观，结构稳定可靠、刚性强。

### ■ Key Features

- Double lane filling with 16-20 filling heads. Compared with the traditional single lane filling, it can reduce the wait time for filling, thus filling efficiency is increased greatly.
- Double speed filling method, the average filling accuracy  $\leq \pm 0.07\%$ ; metering device of the filling machine is precise, reliable, and compatible with 5L ~ 20L bottle filling requirements.
- Precision weighing instrument can modify the filling amount automatically, and have such functions as automatic net weight calculation, counting filled bottles, displaying filling amount, displaying over filled or short filled amount, and alarm functions.
- Online testing of filling precision, no bottle no filling. There is no leaking, dripping, or overflow during the process of filling.
- By using Siemens touch screen human-machine dialogue, a variety of parameters can be set up and monitor, and the weighing instrument can be calibrated and optimized.
- The main frame of the filling machine is made of stainless steel, with such advantages such as nice appearance, stable structure, and strong rigidity.



# BTC-FL-QR系列定量灌装解决方案

## BTC-FL-QR Series of Quantitative Filling Solution

### 旋转式定量灌装封盖机 Rotary Quantitative Filling and Capping Machine

本设备适用于600ML~10L各类瓶型的高速、高精度灌装及自动封盖。其自动化程度强，生产效率高，灌装精度高，封盖效果佳，特别适用于各类油品，酱料及日化类产品的定量灌装。设备配置的电子称重、质量流量计、容积式流量计、可编程逻辑控制器、人机界面、伺服驱动、电气控制、气动控制等系统均采用国际知名品牌，是油脂、日化、饮料食品等行业的理想包装机。

The machine is specially designed and developed for dosing, filling, and capping 600ML~10L bottles with high speed and high precision. The machine has such advantages as automaticity, big production capacity, weighing type filling, high filling precision, nice capping performance, which make the machine especially suitable for the quantitative filling of oils, sauce, as well as cosmetics. Most components on the machine, including electronic weighing device, mass flowmeter, volumetric flowmeter, PLC, HMI, servo drives, electrical control, pneumatic control, etc., are all world famous brand. Thus, the machine should be the idea filling machine for all oil, cosmetic, and beverage industries.





## ■ 设备性能

- 双速灌装方式，平均灌装精度 $\leq \pm 0.07\%$ ；灌装机计量精准、可靠，可兼容600ML~10L 瓶灌装要求。
- 高精度称重仪，对灌装量自动修正，具有自动去皮重、累计桶数、显示灌装量、超欠量及报警功能。
- 灌装精度可在线检测，无瓶不灌装，灌装过程灌装机无残液滴漏，无溢瓶现象。
- 采用西门子触摸屏实现人机对话，可进行多种参数设置及监视，可对称重仪进行键盘校准及优化。

## ■ Key Features

- Double speed filling method, the average filling accuracy  $\leq \pm 0.07\%$ ; metering device of the filling machine is precise, reliable, and compatible with 600ML~10L bottle filling requirements.
- Precision weighing instrument can modify the filling amount automatically, and have such functions as automatic net weight calculation, counting filled bottles, displaying filling amount, displaying over filled or short filled amount, and alarm functions.
- Online testing of filling precision, no bottle no filling. There is no leaking, dripping, or overflow during the process of filling.
- By using Siemens touch screen human-machine dialogue, a variety of parameters can be set up and monitor, and the weighing instrument can be calibrated and optimized.



# 科技先导 携手共进

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