



# Tablet / Capsule Counter & Filler

## **CHALLENGER CVC 1220**



## INTRODUCTION

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### THE CVC "CHALLENGER" PROVIDES 100% GUARANTEED COUNTING ACCURACY.

A newly improved Tablet/Capsule Counter, the CVC 1220 "Challenger", combines unerring accuracy with incredible value.

The remarkable 1220 counting system has enjoyed growing success ever since its introduction in early 1995. International users include Glaxo, Wyeth Ayerst, Bayer, Eli Lilly, Boehringer, Merck, Dupont, Pfizer, Technilab, 3M Riker, Merck Sharp & Dohme...etc.

Investigation by major pharmaceutical manufacturers comparing the 1220 Counter reliability with other counters has caused many to conclude that the 1220 is the most reliable counter, providing up to 100% accuracy.

The compact design of the CVC "Challenger" is a major advantage. New simplicity of design has now made possible a more affordable selling price. Design improvement also includes cleaner machine operation and easier clean up accomplished by moving the "dust" extraction system to the back of the unit to more completely extract the excess tablet dust.

- 100% accuracy guaranteed
- Count quantity may be set from 1 piece to 9,998 pieces per each bottle.
- Heavy duty stainless steel design with polished welds on all horizontal surfaces to protect from "dust" build up.
- There are no spot welds and no open seams to allow potential product contamination.
- The "Challenger" is equipped with advanced detecting system which includes a dust compensator and built-in spike controller. Sensor sensitivity automatically selfadjusts to offset the gradual accumulation of "dust" on the sensor window.
- Counting speed ranges up to 120 bottles per minute.
- All product contact materials are 316 Stainless Steel or PET.
- Auto rejection system removes incorrectly filled containers off the conveyor track and resets the count to display the correct amount. This machine is also programmable to stop immediately when any one container is incorrectly filled.
- Accurately senses all shapes and sizes of products, including tablets, capsules, caplets, soft gels, transparent soft gels...etc. Factory testing of samples is free, with no obligation.
- Meet cGMP requirements.

## UNPARALLED FEATURES



- 1 Advanced product detecting system provides protection against product miscount. Memory for up to 50 preprogrammed data settings such as vibrating pulse, vibrating frequency, filling time, quantity per container...etc. The computer memory is designed to instantly recall data for set-up accuracy and efficiency.



- 2 Featuring a new dust vacuum port having a more powerful and efficient vacuuming capability. Product "dust" is efficiently vacuumed away through 2 extraction tubes from a special collection port located underneath the hopper and front vibratory plates. Machine clean up has never been so easy.
- 3 Automatic rejection to secure 100% counting accuracy. If incorrect counting is caused by too high speed or improper settings, an automatic rejection system will remove the incorrectly filled containers from the conveyor track and reset the count to display the correct amount.
- 4 Design excellence includes a filling nozzle that dips to cover the neck of each advancing bottle, thus avoiding product spillage during the filling operation. Equipped with electrically powered height adjustment feature.
- 5 12 counting channels pass over 3 power vibratory units. Each individual channel is equipped with 8 product sensors to count each product in free fall and with a special "dust" compensator to assure counting accuracy.
- 6 The unique interlocking design of the counting head components provides the ultimate cleaning ease as the operator simply turns off the air to remove the "air locked" vibratory plates.

## **UNIQUE "QUICK DISASSEMBLY" DESIGN FOR FASTER CLEAN UP.**

To protect from cross-contamination, GMP requires that all product contact parts should be dismantled for clean up after filling operation of each product. In only 3 minutes, the "Challenger" can be dismantled for clean up without the use of tools, making production changeover easy and time-saving.



In only 3 minutes the "Challenger" can be dismantled for faster clean up without the use of tools.

