

GMP Tablet and Capsule Counting and Filling Machines

# dispenser **RX**

Compact. Accurate. Fast.



dispenser **RX**

# TABLET AND CAPSULE COUNTING AND FILLING TECHNOLOGIES

Specifications



ESTABLISHED IN THE UNITED KINGDOM IN 1945 C.E.KING LIMITED HAVE BEEN MANUFACTURING AND SUPPLYING TABLET AND CAPSULE COUNTING MACHINES TO PHARMACEUTICAL, HEALTHCARE AND CONTRACT PACKING COMPANIES FOR OVER 70 YEARS.

OUR PHILOSOPHY IS TO CREATE VERSATILE, FLEXIBLE AND MODULAR MACHINES WHICH CAN COUNT AND FILL A WIDE RANGE OF PRODUCTS ACCURATELY AND AT SPEED USING THE LATEST TECHNOLOGIES AVAILABLE.

OUR CONTINUOUS COMMITMENT TO DEVELOPMENT HAS SEEN OUR RANGE OF MACHINES EVOLVE TO INCLUDE SEMI-AUTOMATIC AND FULLY AUTOMATIC TABLET AND CAPSULE COUNTING AND FILLING MACHINES WITH INCREASED SPEED, ACCURACY AND VERSATILITY COMBINED WITH ADVANCED ELECTRONICS AND SOFTWARE SYSTEMS THAT KING CUSTOMERS HAVE COME TO EXPECT.

WITH OVER 15000 INSTALLATIONS WORLDWIDE, KING MAINTAINS ITS POSITION AS A WORLD LEADER IN DESIGNING AND MANUFACTURING COUNTING AND FILLING PACKAGING MACHINERY.

## SIMPLE OPERATION AND CLEANING

The Dispenser RX Tablet and Capsule Counter is a fast, accurate and versatile counting machine suitable for multi-batch counting and off-line quality control checking and inventory auditing.

Tablets or Capsules are fed from a bulk hopper onto a vibratory feeder tray which gently sorts and aligns the product into a single circular path in order to drop one at a time through a sensor array for counting then onwards through a diverter flap and funnel system into waiting containers.

Every time a product passes the sensor the count value is updated on the machines colour touchscreen display until the target count is reached. At the completion of the preset count, a flap diverts the next quantity of tablets to a pre-placed empty container so the filled container can be removed. Additional on screen functions allow the operator to easily adjust the count value, vibration levels, batch quantities and other key settings.

## BENCHTOP COUNTING AND FILLING MACHINE

Sensor Technology	Proprietary Design (Patent Pending)
Hopper Capacity	2.6 Litres (To Brim)
Operator Interface	3.5" Touchscreen (Running Technocount V1.3)
Control System	Single Core ARM Cortex A9 400Mhz RISC
Product Handling	ø5mm to ø16mm Tablets up to Size 00 Capsules
Container Handling	Up to ø100mm x 180mm Tall with Standard Setup
Filling Nozzles	10mm, 20mm, 30mm and Custom Sizes
Counting Range	1 to 9999
Construction	Stainless Steel 316, Aluminium 6082, PTFE
Build Standards	cGMP, Machinery Directive 2006/42/EC
Electrical	230v 1pH 50Hz / 110v 1pH 60Hz
Size/Weight	L=27cm x W=25cm x D=68cm Weight=20.8 Kg

## PERFORMANCE DATA

ø5mm Round Tablet	: Up to 1000 products per minute
ø8mm Round Tablet	: Up to 700 products per minute
ø11mm Round Tablet	: Up to 500 products per minute
ø5mm Round Tablet	: Up to 300 products per minute
Size '0' Gelatine Capsule	: Up to 250 products per minute

## SYSTEM FEATURES AND BENEFITS

- Fast, reliable and accurate counting and filling of products.
- Designed for Coated/Uncoated tablets, clear softgels and Capsules
- Repeatable filling accuracy.
- Colour Touch screen for easy setup and simple operation.
- Multiple Languages including French and German.
- Easy to clean and maintain.
- FDA approved Polypropylene, Acetal(POM) contact parts.
- Tool-less design for fast and easy product changeovers.

dispenser **RX**





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