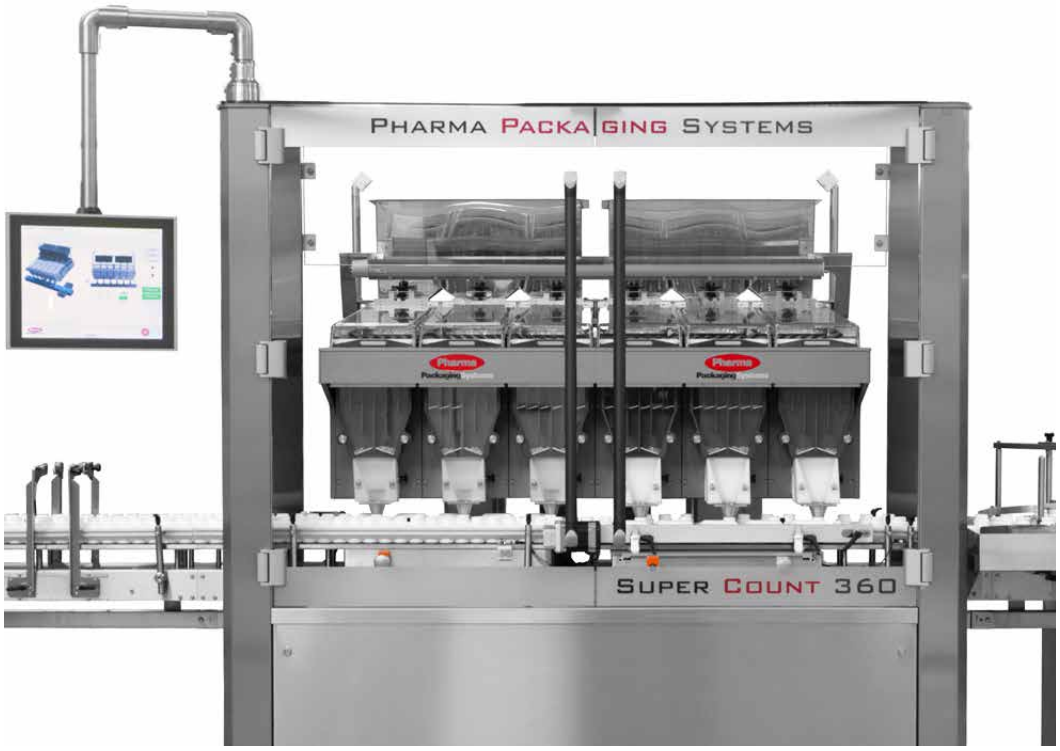
Pharmacount SC Range

The Pharmacount SC Range systems combine proven product feed technology with the latest in electronic controls and feature twelve, eighteen or twenty four linear vibratory product feed tracks and infrared count heads.

Using multiple 6 track format free vibratory product feed trays, the optimum product control and speed is achieved as product is regulated accurately and consistently by hopper flow control gates. Every element of the feed system can be individually controlled to allow perfect set up every time. The vibration can be adjusted for amplitude and frequency to suit any product format.

The Pharmacount "Flexifill" system which is standard on the 120, 180 and 240 allow the optimum configuration for any pack or product combination. Flexifill allows the user to operate the system with trap boxes, so smaller counts are completed into the trap box, and discharged into the bottle in one drop. This method, allows counting to continue whilst bottles are indexed and result in higher speeds. With its open front chute arrangement, the count and batching operation is highly visible, allowing the parameters to be optimised for maximum speed, whilst maintaining absolute control and accuracy.

HMI is a full colour touch screen based PC, operating in a windows embedded environment. The HMI offers straight forward intuitive navigation of the controls. It also allows data acquisition via either printing or download using the external USB port.



Features

- Up to 200 bottles per minute
- Latest cGMP design
- PC based touch screen control system
- Integrated chip and dust extraction system
- Full IQ/OQ Documentation available
- 21 CFR part II Compliant controls available

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Pharmacount SC Range

The HMI is available with two levels of control, to allow either standard security access codes or full 21 CFR part II compliant login and authorisation. The CFR software provides a complete audit trail and electronic record for the system run time.

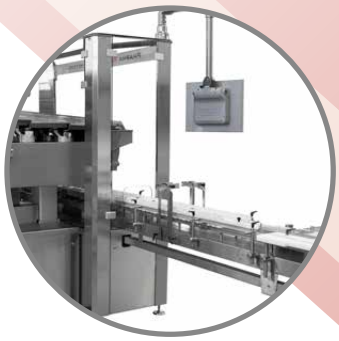
High speed infrared sensors scanning at 34,000 times per second are responsible for high accuracy counting of all tablets and capsules. As well as, transparent soft and hard gelatine capsules.

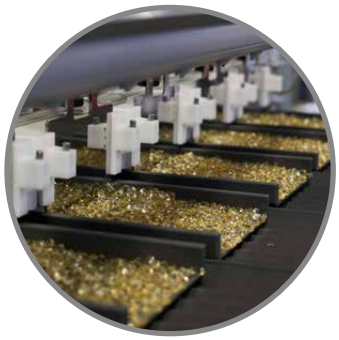
These latest generation sensors have "onboard" microprocessors which automatically trend and adjust the count trigger point during production to compensate for dust, humidity or temperature when necessary. These microprocessors also ensure that the count sensors are always at their optimum performance, and as a result don't require any routine calibration. This factor, therefore, removes the maintenance costs associated with such an operation. The count heads are virtually immune to dust and will count all products with high accuracy from 2.5mm in size.

All contact parts are designed to be removed quickly without any requirement for tools, and by operators rather than engineers. Complete strip down can be done in minutes, leaving all surfaces clear for wipe down.

The Pharmacount 120 has a twin 6 track format and fills 2 bottles simultaneously. The Pharmacount 180 has a triple format. The 240 is essentially a twin version of the 120 with all the same features and benefits but, with twice the speed potential. Each of the Pharmacount systems are configured onto a single frame with a single HMI touch screen interface.

Configured over a twin conveyor the Pharmacount 240 is capable of speeds up to 200 bottles per minute, depending, on the product and count required.





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