



Automate your Weigh and Dispense operations to drive compliance and deliver right first time

“Five to ten percent of the medicine currently produced in the U.S. falls short of quality or other specifications and has to be thrown out or reprocessed.”

**‘There must be a better weigh’ -
Pharmaceutical Manufacturing
Magazine**

The process of weighing raw materials, collecting data and maintaining weighing records can be tedious, time consuming and prone to error. The weighing and dispensing of pharmaceutical ingredients is critical. Errors made at this point in the process may result in failure to meet quality standards. Outdated systems can lead to ineffective utilisation of material and equipment creating difficulties in streamlining your weighing processes.

An automated weigh and dispense system can eliminate the risk of error by automatically recording dispensing activities. Electronic workflows guide the operator ensuring better quality control, reduced variability, and provides full traceability of each manufactured batch. A complete record of the weighing process is maintained for product release and regulatory review purposes.

What if ...

- You had a system that automatically collected weighing data removing the tedious and time consuming effort required to manually complete and verify paper records?
- You had a system that ensured you completed the order to schedule and to the required quality standard?
- You had a system that ensured your defined production activities were followed supporting cGMP compliance?

Did you know ...

- An automated Weigh and Dispense system eliminates the need for data re-verification providing more time to dispense?

MANAGING THE PAPER TRAIL

Traditional data collection in a dispensary involves manually completing paper based weighing reports and equipment logs as proof of compliance. The risks associated with paper include incorrect recording of data or loss of the paper record. The additional time required to manage the paper trail reduces an operator’s available time to dispense. Missing or incomplete records will create a significant burden for your quality departments.

COMPROMISED MATERIAL INTEGRITY

Accidentally dispensing incorrect materials can have catastrophic effects on production. Manual verification of material presents a risk to the final product; while a lack of real time visibility of your warehouse and quality systems presents the risk of missing critical material updates. Without an automated material verification system your last line of defence becomes your manual verification process.

OPERATOR ERRORS

Manual activities driven by standard operating procedures (SOP’s) deliver an environment which is subject to interpretation by your operators. Challenges can arise if different operators develop their own dispensing techniques creating potential variability in the process while manually derived potency calculations become an area of increased risk. Reducing the risk of variations without an automated system requires ongoing training which can be costly, time consuming and can never guarantee success.

OPERATIONS MANAGEMENT: WEIGH & DISPENSE SOLUTION

ELIMINATING PAPER IN YOUR DISPENSARY

Emerson's Weigh and Dispense Solution brings all your dispensary information online. Dispensing order details, weighing reports, equipment logbooks and calibration information are all integrated through online weighing workflows. All data is recorded and stored online and can be retrieved from any web client on your network. This scalable system can grow with your organisation to deliver a paperless environment throughout your production.

REAL-TIME MATERIAL VERIFICATION AND RECONCILIATION

Emerson's Weigh and Dispense Solution reduces material variability by intelligently guiding dispensing operators through the process in an intuitive way based on your dispensing requirements. When interfaced with an ERP system, Weigh and Dispense can automatically update inventory, eliminating manual reconciliation. Integration to your warehouse and quality systems ensure you have the most up to date information eliminating the risk of using incorrect or quarantined material while automatic potency calculations ensure you are dispensing the right amount for production. Bar code verification of materials ensures you are on track for right first time dispensing every time. Finally, Weigh and Dispense manages and controls any materials produced until their return to the warehouse (inventory management) providing full forward and backward material traceability.

ELIMINATE THE ROOM FOR ERRORS

With Emerson's Weigh and Dispense solution operators have a powerful system to greatly reduce the chance of error caused by manual and paper-intensive systems. Support for electronic weigh-scale interfaces and extensive use of bar code labelling technology help to ensure that the right material, in the correct quantity, with the right label, is delivered to manufacturing on time for right-first-time manufacturing. When interfaced with an ERP system, Weigh and Dispense can automatically update inventory, eliminating manual reconciliation and ensuring inventory is up to date in real-time.

“The average number of dispensary operations performed each month has increased from 200 to 440 following the deployment of the Syncade Weigh and Dispense solution.”

Les Fister, Lonza
‘Managing the Transition from Paper to Syncade Electronic Records in an Operating Facility’ - Emerson Global Users Exchange

For more information, contact your local sales office or visit: EmersonProcess.com/PSS/Contact

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