

MODA-ES® Module v4.1



A scalable digitalization solution for efficient manufacturing

The Lonza MODA-ES® Module is an easy-to-use, cost-effective manufacturing execution system (MES) that helps pharmaceutical companies eliminate error-prone manual paper processes. It offers a modular, flexible design that can be configured to your specific needs, helping you efficiently bridge the gap between manufacturing and quality.

Version 4.1 of the MODA-ES® Module introduces innovative weigh and dispense functionality, which can be easily implemented as a standalone system. Customers gain an even wider range of specialized solutions to make process and materials management more efficient, accurate, and automated, expediting batch approvals and helping accelerate the delivery of medicines to market.

MODA-ES® Module v4.1:

Flexible Solutions for Digitalization



A scalable standalone weigh and dispense module

Gain easy entry to digitalized weigh and dispense operations — without needing to invest in a full MES — with a simple-to-deploy module that can seamlessly scale with your needs (Figure 1).

Pre-built and ready-validated processes, controls, pre-checks, and full approval and reporting capabilities help you reduce errors, lighten workloads, and achieve standardized, right-first-time batch processing.



Efficient weigh and dispense automation

Weigh directly into the system for accurate, automatic real-time data capture, and use automated options to print labels and track materials, equipment, and status.



Built-in controls to help enhance productivity

Minimize configuration burden, save time, and improve productivity with pre-use checks and standard fields for equipment and location.



New options for product versioning

Configure multiple versions of a product within the system to help gain greater control over your bills of materials (BOMs), help lower administrative overhead, and support improved production planning (Figure 2).

Sequence	Product	Batch Number	Process Order Number	BOM Item Number	Material ID	Material Description	Allocated Material Lot	Target Quantity	Effective Dispensed Quantity	Remaining Quantity	Disposition	Is Released
1	Test-Product-1	TC-1001		0010	7-440	Raw Material 7		50	50	0	Dispensed	Released
2	Test-Product-1	TC-1001		0020	7-441	Raw Material 8		56 oz		56 oz		Planned

Figure 1. Choose from Net, Gross, or Manual weighing, and view which materials have been dispensed or are still to be dispensed.

Sequence	Material ID	Description	BOM Item Number	Compensating BOM It...	Operation Number
1	7-440	Raw Material 7	0010		
2	7-441	Raw Material 8	0020		

Figure 2. Manage production versions (with validity dates), and use the same BOM item number to set alternate materials and sequence them together.

Ready to Redefine Your Manufacturing?

Contact the Lonza Informatics Team today to find out more about the benefits of the MODA-ES® v4.1 Module and request a demo:

<https://bioscience.lonza.com/moda-demo-request-form>

Request a demo today.



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