

DeltaV™ Advanced Batch

Product Description

The DeltaV™ Advanced Batch software suite contains everything you need to easily operate your batch process—PLUS you receive the added benefits of automatic historical collection and PC-based phase control. This software suite contains the Batch Executive, Batch Historian, and Soft Phase Server products.

- **Batch Executive.** This is the batch engine that executes and schedules your recipes and resources.

- **Batch Historian.** Automatically collects and displays recipe execution data from the DeltaV Batch Executive and process management event data from the DeltaV Event Chronicle.
- **Soft Phase Server.** Allows PC-based phases to be executed by the Batch Executive as part of a standard DeltaV recipe.

Refer to the Batch Executive and Batch Historian product data sheets for details on the individual software packages. Consult the factory for details on the Soft Phase Server software.

Ordering Information

Description	Model Number		
	pre-v9.3	v9.3 through v11.3	v12.3 and later
DeltaV Advanced Batch	VE2235Sxxxxx	VE2239Sxxxxx	VE2248Syyyyy
Additional Capacity	VE22UPS021 for 250 DST VE22UPS022 for 1000 DST VE22UPS023 for 5000 DST	VE22UPS052 for 250 DST VE22UPS053 for 1000 DST VE22UPS054 for 5000 DST	VE22UPS066 for 1 Unit VE22UPS067 for 5 Units VE22UPS068 for 10 Units VE22UPS069 for 20 Units VE22UPS070 for 50 Units VE22UPS071 for 300+ to >300 Units
Upgrade DeltaV Advanced Batch to DeltaV Professional Batch	VE22UL3Sxxxxx	VE22UL5Sxxxxx	VE22UL7Syyyyy

Where xxxxx is equal to the total number of batch DSTs in the system. xxxxx is available from 250 to 30,000 DSTs in 250-DST increments.

Where yyyyy is equal to the total number of class-based Unit Module Instances configured under Process Cells in the system. Yyyyy is available in sizes of 2 Units, 5 Units, 10 Units, 20 Units, 30 Units, 50 Units, 75 Units, 100 Units, 150 Units, 300 Units, and >300 Units.

Related Products

- **Advanced Unit Management Software.** Provides class-based Unit Modules and aliasing to make developing unit-relative equipment strategies simple.
- **Batch Redundancy.** Enables redundant DeltaV Batch capabilities for the Batch Executive and Campaign Manager, including automatic switchover to protect your batch operations from disruptions.
- **Configuration Audit Trail.** A powerful tool that tracks changes and manages revision information for any item in the DeltaV configuration database, including Safety Instrumented System (SIS) items.
- **DeltaV Operate.** High performance operator graphics, trends and alarms offered in standard operating layouts and utilizing system-wide built-in security.
- **DeltaV Operate for Batch.** Batch Controls allow you to operate your batches from the same DeltaV Operate environment used to monitor and control your process.
- **Recipe Studio.** Powerful yet simple to use application for graphically configuring recipes (with formulas) for successful batch production.

Prerequisites

- One ProfessionalPLUS Station in a DeltaV system.
- DeltaV controller with Advanced Unit Management software license. Refer to the Advanced Unit Management Software product data sheet.
- Batch Operator Interface (for versions prior to v9.3). Refer to the Batch Operator Interface product data sheet.
- In v12.x, the DeltaV Batch Historian uses Microsoft SQL Server 2012 running on Windows Server 2008 operating system.
- In v13.x, the DeltaV Batch Historian uses Microsoft SQL Server 2014 running on Windows Server 2008 or Windows Server 2016 operating systems.
- Since the Windows Server operating system requires a Dell server class computer, the use of the Batch Historian requires a server class computer. It is also strongly recommended that the Batch Executive also be installed on an Application Station, particularly in critical applications.
- Optimal performance is achieved by running the Batch Executive and Batch Historian on separate DeltaV Application Stations.
- A variety of hardware is available to meet your specific requirements. Call your local sales office for details.

Emerson

North America, Latin America:

☎ +1 800 833 8314 or

☎ +1 512 832 3774

Asia Pacific:

☎ +65 6777 8211

Europe, Middle East:

☎ +41 41 768 6111

🌐 www.emerson.com/deltav

©2019, Emerson. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Electric Co. The DeltaV logo is a mark of one of the Emerson family of companies. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while diligent efforts were made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice.