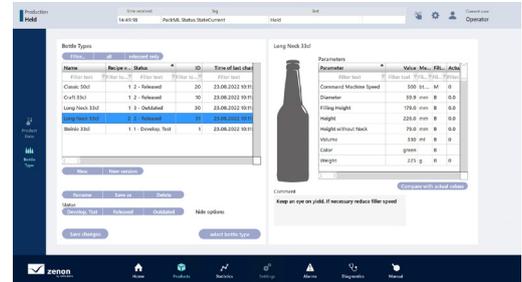


Recipe Administration

Easily and securely manage complex systems and production processes

Ease of use and maximum security are the basis of all the functionalities of zenon recipe administration. Bring more efficiency and security to your production operations.



RECIPE ADMINISTRATION WITH ZENON

With zenon Recipe Administration, it is easy to edit and save any desired number of parameter sets. You can define them for use at the process level at the press of a button.

- ▶ Standard recipes: administer parameter sets in a table view.
- ▶ Recipegroup Manager: a wide range of functions designed to help you manage complex recipes.

ZENON RECIPEGROUP MANAGER

zenon Recipegroup Manager simplifies the administration of large groups of recipes with the aid of many practical functions. The software enables recipes to be grouped and managed logically.

The benefits of zenon Recipegroup Manager include:

- ▶ Table display for a clear overview of equipment for target/actual comparison.
- ▶ Numerous functions for the flexible administration of any number of recipes in zenon Service Engine, such as: opening, writing, reading, overwriting, copying, duplicating, exporting or importing recipes.

FAST FACTS

- ▶ Table form or logically grouped views
- ▶ Write recipe variables directly from process screens
- ▶ FDA 21 CFR Part 11 compatible
- ▶ Status monitoring and progress bar
- ▶ Quick project configuration
- ▶ Fully networkable without multiple project configuration
- ▶ Versioning and status handling

- ▶ Import recipe data from external data sources.
- ▶ Read in current equipment values in order to save them in a recipe (teaching).
- ▶ Use existing recipes as a template aided by zenon's recipe versioning and status handling to help users and save time.
- ▶ Preconfigured standard screens in delivery scope.
- ▶ Recipe variables can be changed and used directly in zenon process screens.
- ▶ Can be used with interlocking, e.g. of recipe parameters.
- ▶ Comprehensive filtering capabilities (e.g. for status, filter texts or version).
- ▶ Individual keyboards/input fields possible for each parameter.

Changes in zenon Service Engine can be read back to the zenon Engineering Studio at any time, to ensure you keep your project configuration up to date. Updated data is immediately available everywhere via the network. All functions can be triggered manually or called up automatically.

SECURITY AND OPERATING CONCEPTS WITH ZENON

Recipes can enable considerable changes to the equipment to be made. zenon therefore offers sophisticated security mechanisms and access rights. You can control, monitor and log access to your recipes to ensure their correct and secure execution.

Recipe Administration

Security

- ▶ Logging of all changes to the recipes on request.
- ▶ Password-protected access, compliant with FDA 21 CFR Part 11.
- ▶ Logging of all discharged values with old value/new value.
- ▶ Status monitoring: whether a recipe has already been fully written to the PLC and which recipe is currently loaded.
- ▶ In the event of an error, an alarm can be triggered immediately or the operation of the equipment can be blocked until the recipe has been written in full.
- ▶ Blocked writing ensures that the data arrives at the PLC immediately.
- ▶ The definable sequence sets out which variables are written first; users are kept informed by a progress bar.

Quick project configuration, simple operation

- ▶ Read, write, copy, duplicate
- ▶ Flexible import/export from a range of third-party data sources
- ▶ Strings in recipes
- ▶ Standard screen in project delivery scope
- ▶ Setting parameters also possible directly via process screens
- ▶ Versioning
- ▶ Status handling (interlocking to user administration)
- ▶ Freely definable keyboards/input fields
- ▶ Extensive filter functions
- ▶ Interlocking of recipe parameters