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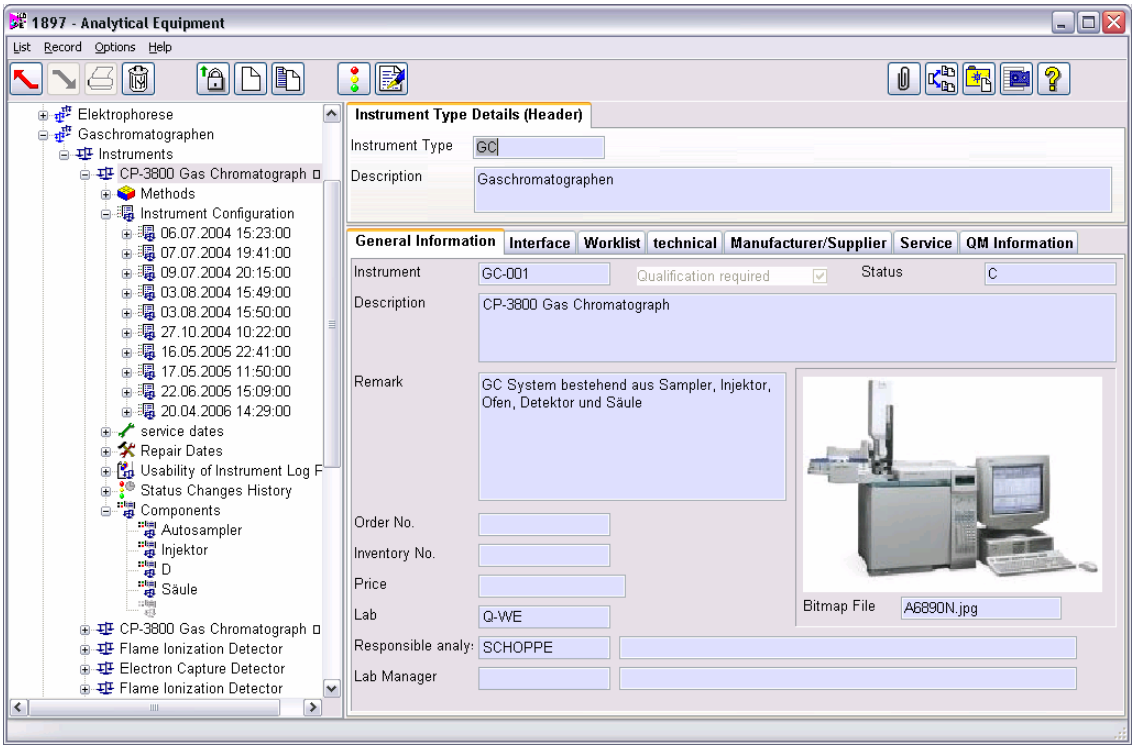
Instruments/calibration management

What options are offered by instrument management in LABS/Q®?

Documentation of your control types

In LABS/Q® a complete documentation of all control types (including single devices like a balance or complete HPLC systems) is carried out including all information concerning configuration history, operations of control types, maintenance information as well as all repairs.

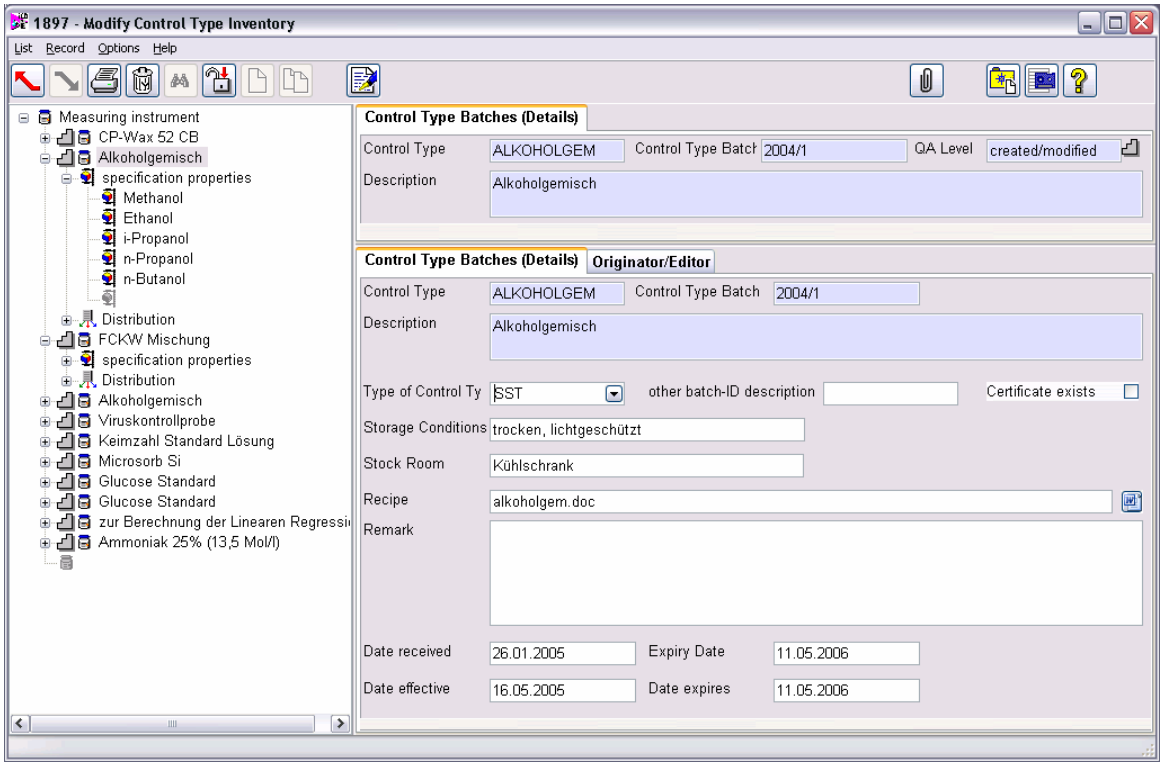
Thus a central management of all control type relevant information is established. Written apparat log-book entries are replaced by concise database entries. You will gain a survey of service dates of control types. You can prepare for these occasions by providing replacement devices or by appropriate control of chemical analysis.



Control types and their batches

LABS/Q® offers you the control types, standard units, control and blank samples necessary for method check-out as well as instrument management. These can be managed in LABS/Q® together with their characteristics as well as their service life data.

You will receive information concerning characteristics, batch and service life of the control type. You will have extra security about control type usability because the system checks the lodged service life of the batch.

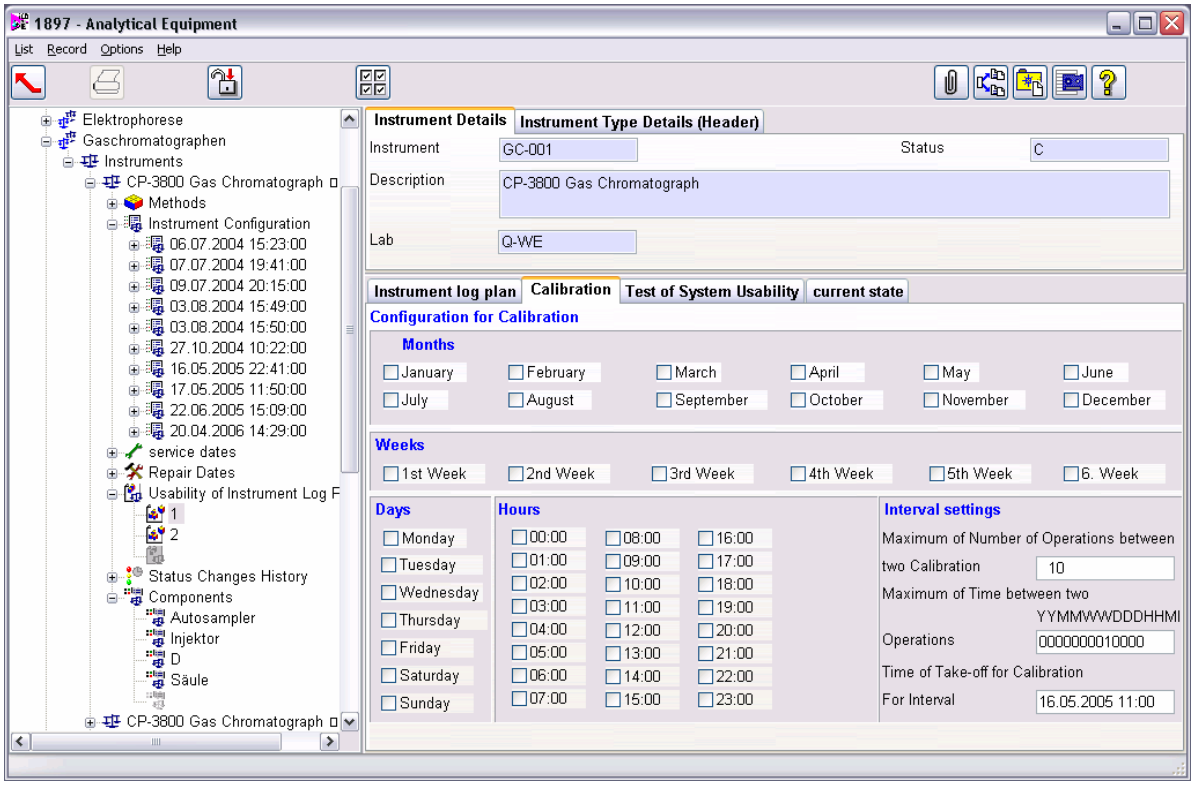


Event, deadline and user dependent monitoring

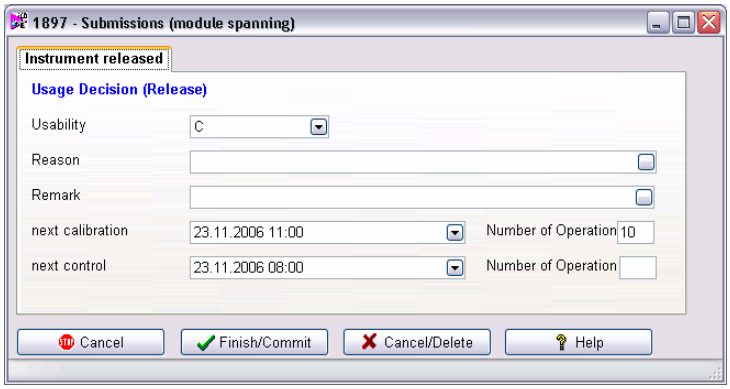
For the instruments log plans are lodged in the system. These log plans describe the extend of analysis as well as the tolerances to be kept against control type batches.
It is determined in the instrument in which form (e.g. qualification, calibration, approval) as well as to which extend (e.g. in case of configuration change, deadline dependent, user dependent) a monitoring should be executed. Combined with this the control type status is determined. At the end of monitoring a usage decision is generated together with the next check.

Approval can be carried out anticipatory and automatically by the system. You cannot forget any controls because the system generates and plans necessary submissions for the instrument in the background. You will gain a high level of security in adherence to regular monitoring of your control types.
You can reduce the effort to classify and monitor your control types by discriminating between qualification, calibration and control. Status change history offers you the means to understand when the control type was qualified, calibrated or controlled.

Example: Log plan determination



Example: Usage decision for control type

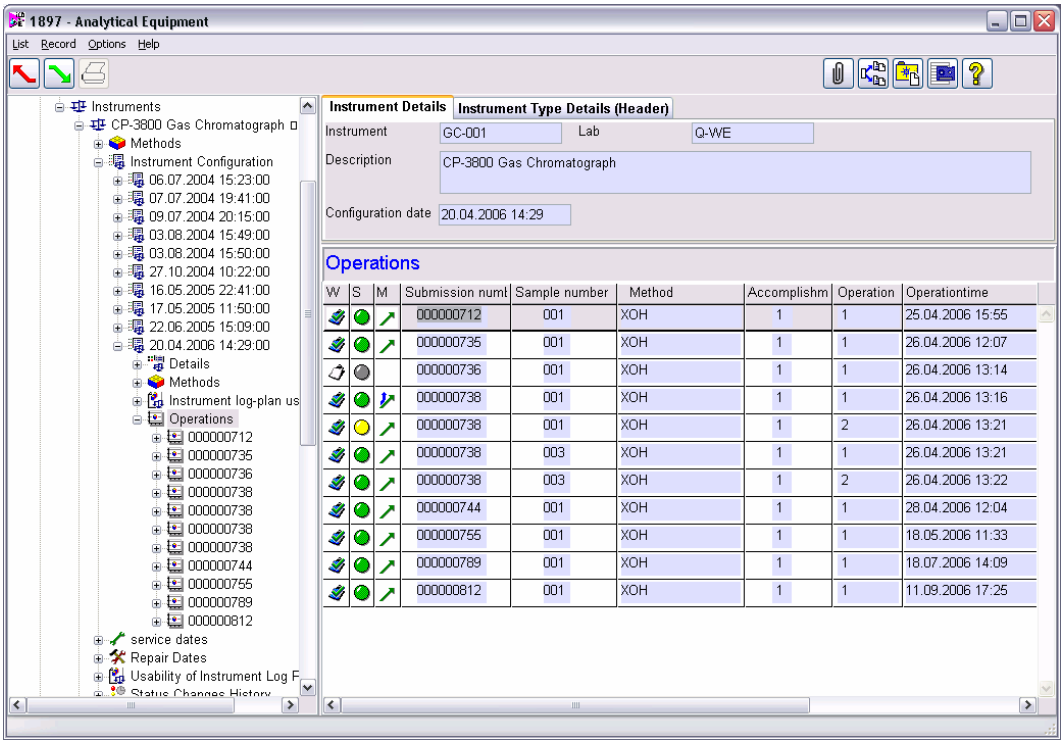


Evaluation for instrument and control type management

In LABS/Q® various modules allow you to access ad hoc all data for evaluation. Samples calibrated under a specific device configuration and their results can be displayed.

Quick data evaluation encourages laboratory employees to notice if and to what extend results are correct or whether a new analysis is necessary. At the same time employees are shown whether the control types used need inspection.

Example: Operation list of a specific device configuration



Example: Graphic evaluation with trend rules