

Audit Report: GAMP5® Software Categorisation

## 900 Touch Control



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- Date:** 08-May-2017
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- Objective:** Classification of *900 Touch Control* (version 5.900.0040) according to the GAMP5® software categories.
- Description:** *900 Touch Control* is an operating unit for the Titrandos, USB Sample Processors, 856 Conductivity Modules, 867 pH Modules and 846 Dosing Interfaces with touch-sensitive display for processing methods, analysis (titration, measurements), data acquisition, evaluation and reporting.  
*900 Touch Control* was developed by the Metrohm AG in accordance with ISO 9001 requirements regarding design, manufacturing and maintenance.
- Categorisation:** The *900 Touch Control* firmware is a “Non-Configured Product” – as such, it is categorized into **GAMP software category 3**.
- Justification:  
The firmware configuration is limited to:
- Customization of the system’s runtime environment, e. g.:
    - Maintenance of master data (methods, sample data, etc.)
    - Setup of technical parameters (connected devices, etc.)
    - Configuration of security settings
    - Definition of users and user groups (with pre-defined privileges).
- However, these are no structural modifications or customizations to adapt the firmware to customer-specific business processes.<sup>1</sup>
- Creation of methods:  
The creation and modification of methods is based on built-in standard system functionality. During normal system operation, methods are adapted to specific analytical procedures on a case by case basis. This has to include appropriate checks and verifications, especially of all calculations, settings and reports included – if applicable. These measures are to be implemented as part of the operational controls in order to maintain the validated state.

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<sup>1</sup> see definition of Software Category 3: GAMP 5, Appendix M4