

## Release Notes Miele Benchmark Programming Tool

### Version 1.6.0

#### New features:

##### *Program schemas and templates*

- Update of program schema files in versions 1.2.4 and 1.3.1.
- Updated wash programs (e.g., 1-2-4\_1-37-15 and 1-3-1\_1-38-4) and program templates added.

##### *User interface and documentation*

- Program release notes added as a new menu item in the main menu.
- Embedded manual files have been updated to the latest version.

#### Bug fixes:

##### *User interface and operation*

- Problems with the unintentional closing of dialog windows have been fixed (e.g., by clicking on the background or the Escape key).
- Scrolling in numeric input fields no longer causes unintended value changes.
- The block copy checkbox now works as expected during program creation.
- Values can now be manually reset to their original values.

##### *Program management and data structure*

- Errors when resetting block activation, block header, and section parameters have been fixed.
- Missing block parameters in the comparison table have been added.
- WashCo program-packages have been excluded from offline templates.

##### *System stability and performance*

- Memory problem that could cause the tool to crash randomly has been fixed.
- Machine images have been optimized and updated (PWM927 & PWM935)

## Version 1.5

### New Function

#### General

- Extension of machine settings
- Option to store access data for machines locally for later reuse
- New function for creating programs for mid-range washing machines added
- Program list sorting added
- Connection to machines with unsupported device types prevented
- Support for programs according to schemes 1.2.4 & 1.3.0
  - Updated p3x repository with the latest files for WashCo programs
- EK047 update for version 52.66

#### Dryers

- New backup solution for dryers, including settings
- Button added to reset the dryer program to factory settings
- Button for deleting dryer programs added

#### Online/offline program creation:

- New dialog for creating programs offline and online with additional templates added
- Filtering by machine type for program creation added

#### New backups:

- New Miele Professional Backup Archive (\*.mpba) functionality including settings implemented

### UX/UI adjustments

- Update for restoring backups
- Addition of the latest manuals
- Optimization of some UI components
- Improved user-friendliness when selecting files in the import dialog
- Support for new program groups

### Bug fixes

- Text and translation adjustments
- Incorrect values in program comparison fixed

### Note

Please ensure that your benchmark machines have the latest software version installed to ensure full compatibility.

## Version 1.4.1

### UX/UI Improvements

- extension of provided languages in manuals
- update of Portuguese translations
- general optimization of the content

### Bug Fixes

- fix of a bug that stores incorrect values in the UI

### Known Issues

- Saving of manuals, EULA and imprint is not possible

### Remark

Please make sure your benchmark machines have the latest software version installed to ensure full compatibility.

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## Version 1.4.0

### UX/UI Improvements

- extension of provided languages in manuals
- update of Portuguese translations
- general optimization of the content

### Bug Fixes

- fix of a bug that stores incorrect values in the UI

### Known Issues

- Saving of manuals, EULA and imprint is not possible

### Remark

Please make sure your benchmark machines have the latest software version installed to ensure full compatibility.

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## Version 1.4.0

### New Features

- Extension and optimisation of the tool for the configuration of Benchmark 9-11kg machines
  - PWM509, PWM511, PWM909, PDW909, PDR510, PDR910
- Creating protocols for programme configurations and machine settings
- Comparing modified wash programme to the original programme
- Setting and converting of user-specific units (metric and imperial)
- Online editing of multiple programmes without logout
- Adding additional functions to programme editing
  - deleting multiple programmes
  - exporting multiple programmes
  - transferring multiple programmes
- resetting washing programmes to factory settings
- displaying and editing of recently used local files

### Performance Improvements

- Improved connection stability between machine and Benchmark Programming Tool
- Available update of the communication module to version 52.57
- Loading optimisation of programmes without blocking states
- Update of the available programme templates to the latest version

### UX/UI Improvements

- Visual enhancement of the user interface
- Improved overall experience by focusing on optimal user guidance
- Intuitive process for renaming programmes and programme blocks

### Bug Fixes

We are always working to improve our services. This update includes bug fixes and functionality improvements.  
Miele - Always better.

### Known Issues

- in rare cases unrealistic limit values are displayed (e.g. 190°Celsius, 300°Fahrenheit)
- when the manual connection is cancelled, the search continues to run in the background for a short time

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## Version 1.3.0

### New Features

- Machine-independent creating and editing of programs
- Local archiving of configured programs
- Creating your own programs
- Implementation of extensive program templates

## Performance Improvements

- Load time optimization for repeated machine connection
- Optimization of general application speed

## UX/UI Improvements

- Visual upgrade of user interface
- Optimized search for available machines
- Simplification of login process
- Improvement of translations and extension to 17 languages
- Optimization and extension of displayed hint texts
- Better user guidance when configuring wash programs and non-sticky wash process

## Bug Fixes

- Ensuring backward compatibility of wash programs and machine software
- Further bugs are washed away - Immer besser.

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## Version 1.2.72

Security Update: CVE-2022-22521 - Improper Privilege Management (CWE-269)

## Version 1.2.71

### New Features

- Program export (subsequent import only possible onto machines of the same type)
- Program import via zip-file
- Additional functions in program editing
  - Copy programs
  - Delete programs
  - Copy blocks
  - Move blocks up and down
  - Rename blocks
  - Delete blocks

### UX/UI Improvements

- More concise representation of program information
- Extension of program names to further languages

### Known Issues

- Loading of program-copies (mppa-file) can result in a white screen, despite being successful
- Restricting and varying limitation of number of programs that can be loaded (mppa-File) and can result unsuccessfully

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## Version 1.1.49

### UX/UI Improvements

- Update of available languages
  - German
  - French
  - Italian
  - Spanish
- Optimization of data entry

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## Version 1.0.49

First Release Version

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