

# BV0001B PathWave BenchVue Digital Multimeter Control App

## 2023.2 Version Information

Release Date:	Nov 8, 2023
Operating System:	Microsoft Windows 10 & 11 (64-bit)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space Display Resolution: 1920x1080 recommended
Supported Instruments:	<a href="http://www.keysight.com/find/BenchVueInstruments">www.keysight.com/find/BenchVueInstruments</a>
Release Type:	Major Update Release
File Name:	PathWaveBenchVueDMM-2023-2-Setup.exe

## New Features and Enhancements

- Improved user interfaces
- Compatible with Windows 11
- Defects fixed for stability, usability, and performance enhancements.

## Special Notes

- This is a standalone app. Mobile app features are not available in the current version of standalone software

## Previous Release Name

## 2023.1 Version Information

Release Date:	July 13, 2023
Operating System:	Microsoft Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space Display Resolution: 1920x1080 recommended
Supported Instruments:	<a href="http://www.keysight.com/find/BenchVueInstruments">www.keysight.com/find/BenchVueInstruments</a>
Release Type:	Major Update Release
File Name:	PathWaveBenchVueDMM_2023_Setup.exe

## New Features and Enhancements

- Enhanced chart features to improve user experience in data analysis.
- Added BenchVue One login and export data to BenchVue One features.
- Defects fixed for stability, usability, and performance enhancements.

## Special Notes

- This is a standalone app. Mobile app features are not available in the current version of standalone software

## 2023 Version Information

Release Date:	Apr 22, 2023
Operating System:	Microsoft Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space Display Resolution: 1920x1080 recommended
Supported Instruments:	<a href="http://www.keysight.com/find/BenchVueInstruments">www.keysight.com/find/BenchVueInstruments</a>
Release Type:	Major Update Release
File Name:	PathWaveBenchVueDMM-2023-Setup.exe

## New Features and Enhancements

- Defects fixed for stability, usability, and performance enhancements.

## Special Notes

- This is a standalone app. Mobile app features are not available in the current version of standalone software

## 2022.1 Version Information

Release Date:	Dec 22, 2022
Operating System:	Microsoft Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space Display Resolution: 1920x1080 recommended
Supported Instruments:	<a href="http://www.keysight.com/find/BenchVueInstruments">www.keysight.com/find/BenchVueInstruments</a>
Release Type:	Major Update Release
File Name:	PathWaveBenchVueDMM-2022.1-Setup.exe

## New Features and Enhancements

- Integrated BenchVue Test Flow feature
- Enabled data log export to Matlab and Microsoft Word features
- Added screen shot export feature for Instrument View
- Removed diagnostics and app usage data collection from the app
- Defects fixed for stability, usability and performance enhancements

## Special Notes

- This is a standalone app. Mobile app features are not available in the current version of standalone software.

## 2022 Version Information

Release Version:	2022
Released Date:	25 May 2022
Operating System:	Windows 10 (64-bit, version 1809 or later)
System Requirements:	Processor: Intel Core i5 (or equivalent) RAM: 8GB Storage Drive: 900MB free space Display Resolution: 1920x1080 recommended
Hardware:	<a href="http://www.keysight.com/find/BenchVueInstruments">www.keysight.com/find/BenchVueInstruments</a>
Release Type:	Major Update Release (2.0.43)
File Name:	PathWaveBenchVueDMM-2022-Setup.exe

## New Features

- Implemented user-based login and new export data log capability (available in Fall 2022)
- Added Limit Testing features for Data Logger
- Added Table View for Data Logger
- Added What's New dialog

## Enhancements

- Enhance on Marker Table display for Data Logger
- Update menu items arrangement under Information and Technical Support menu
- Replace Included License dialog with new License Management dialog.

## Resolved Issues

- Resolved the hassle to reconfigure floating license for BenchVue Control Collection user who open multiple app windows.
- Resolved in use floating license count after successfully connecting to instrument using BenchVue Control Collection Floating License.
- Defect fix for usability and stability

## Special Notes

- Mobile app and test flow features are not available in current version of standalone software.

## 2021.1 Version Information

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Released Date:	August 20, 2021
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### Requirements categories

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PC operating system & hardware:	Windows 10: 64-bit (version 1809 or later) Processor: Intel Core i5 (or equivalent) RAM: 8 GB Storage Drive: 900MB free space Display resolution: 1920x1080 recommended
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Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
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File Name:	PathWaveBenchVueDMM-2021-1-Setup.exe
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## Notable changes

- Implemented Digitizer functionality for instruments 34465A, 34470A, 34460A and 34461A.
- Supports histogram chart type for both data logger & digitizer functionalities.
- List of supported instrument models can be viewed under the “ ? ” dropdown menu in application.
- Defects & Bug fixes.

NOTE: Mobile app and test flow features are not available in current version of standalone software.

## 2021 Version Information

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Released Date:	March 15, 2021
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### Requirements categories

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PC operating system & hardware:	Windows 10: 64-bit (version 1809 or later) Processor: Intel Core i5 (or equivalent) RAM: 8 GB Storage Drive: 900MB free space Display resolution: 1920x1080 recommended
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Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
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File Name:	PathWaveBenchVueDMM_2021_Setup.exe
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## Notable changes

- Standalone Pathwave Benchvue platform (Does not require installation of prerequisite software)
- New Graphical User Interface
- Added support for EDU34450A

NOTE: Mobile app and test flow features are not available in current version of standalone software.

## 2019 Update 1 Version Information

Released Date:	September 20, 2019
<b>Requirements categories</b>	
PC operating system & hardware:	Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)  Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)  Processor: 1 GHz or faster (2 GHz or greater recommended)  RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)  Interfaces: USB, GPIB, LAN, RS-232  Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 9.0 and later.  Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVueDMM_2019_Update1.0.exe

### Notable changes

- Fixed a defect when digitizing for international date/time formats
- Fixed a laughing defect for certain instruments when Windows locale is set to France
- Datalog graphing defect addressed where certain intervals were not graphed correctly
- Test Flow defect fix to display NPLC/Apertures values correctly
- Defects fixed for stability and usability



## 2019 Version Information

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Released Date:	September 19, 2019
<b>Requirements categories</b>	
PC operating system & hardware:	Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)  Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)  Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)  Processor: 1 GHz or faster (2 GHz or greater recommended)  RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)  Interfaces: USB, GPIB, LAN, RS-232  Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 9.0 and later.  Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVueDMM_2019.exe

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## Notable changes

- Fixed a defect where digitizing timing for <1 NPLC wasn't reported correctly
- Fixed digitizing for 34470A that now have digitizing as a standard option
- Defects fixed for stability and usability

## 2018 Version Information

Released Date:	August 2, 2018
<b>Requirements categories</b>	
PC operating system & hardware:	Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)  Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)  Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)  Processor: 1 GHz or faster (2 GHz or greater recommended)  RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)  Interfaces: USB, GPIB, LAN, RS-232  Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.  Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVueDMMsetup_2018.exe

## Notable changes

- Get screenshots for TrueVolt DMMs
- Faster instrument interaction for a more responsive interface
- Improved Graphing based on user feedback
- Fixed a defect where full speed digitizing wasn't supported correctly
- Defects fixed for stability and usability

## 2017 Version Information

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Released Date:	March 29, 2017
<b>Requirements categories</b>	
PC operating system & hardware:	Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)  Windows 8, 8.1: 32-bit and 64-bit (Professional, Enterprise, Core)  Windows 7: SP1 and later 32-bit and 64-bit (Professional, Enterprise, Ultimate, Home Basic, Home Premium)  Processor: 1 GHz or faster (2 GHz or greater recommended)  RAM: 1 GB (32-bit) or 2 GB (64-bit) (3 GB or greater recommended)  Interfaces: USB, GPIB, LAN, RS-232  Display resolution: 1280x1024 minimum recommended for single instrument view (higher resolution recommended for multiple instrument view)
<b>Mobile Devices:</b> (for companion BenchVue Mobile app)	Apple iPhone, iPad, iPod Touch all models; iOS 7.0 and later.  Android phone and tablets; Android 4.0.3 and later.
Current List of BenchVue Enabled Keysight Instruments:	<a href="http://www.keysight.com/find/benchvueinstruments">www.keysight.com/find/benchvueinstruments</a>
File Name:	BenchVueDMMsetup_v2017.exe

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## Notable changes

- BenchVue DMM app now requires a license
- App includes Test Flow automation and Command Expert blocks
- Support for new license terms
- Defects fixed for stability and usability

NOTE: Previous versions of this app are not compatible with the BenchVue 2017 Platform software. For compatibility, use the older versions of the BenchVue Platform software (3.7 and earlier). Download and install the older version of this app from the Apps tab within your version of BenchVue.