Keysight Technologies
BenchVue Software
BV0006B Data Acquisition Control & Automation App

2020 Version Information

Released Date:	Feb 1, 2020

Requirements categories

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)
Mobile Devices: (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:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVueDAQsetup.exe

KEYSIGHT TECHNOLOGIES

Notable changes

- New supported model added – DAQ973A
- Added frequency domain measurements for DAQM909A digitizer module
- Defects fixed for stability and usability

2019 Version Information

Released Date:	July 1, 2019

Requirements categories

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)
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Notable changes

- New supported model added – 34980A
- Defects fixed for stability and usability

2018 Update 1 Version Information

Released Date:	Nov 1, 2018

Requirements categories

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)
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Current List of BenchVue Enabled Keysight Instruments:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVueDAQsetup_2018Upd1.exe

Notable changes

• New supported model added – DAQ970A

• Built-In Computed Channel

• New capacitance function

• New Diode function

• New Strain function

• New 4-wire thermistor function

• New Unstrained reference measurement

• Set Voltage channel as reference for strain measurement

• Set Thermistor or RTD channel as reference for thermocouple measurement

• D/A current output for DAQM907

• Function Lock for D/A current and D/A voltage

• Voltage Readback for D/A current

• Current Readback for D/A voltage

• New scale function (PCT, DB, DBM)

• ACAL

• Able to Log Data to USB w/ or w/o Rows Limit

New display types added:

• D/A current output

• Add Screen Image

• Software Computed Channel Support N-Pass statistic measurement

• Defects fixed for stability and usability

2018 Version Information

Released Date:	March 16, 2018

Requirements categories

PC operating system & hardware:	Windows 10: 32-bit and 64-bit (Professional, Enterprise, Education, Home versions)
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	Processor: 1 GHz or faster (2 GHz or greater recommended)
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Mobile Devices: (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.
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File Name:	BenchVueDAQsetup_2018.exe

Notable changes

- Added new computed channels:
  - Polynomial
  - General Equation Editor
  - Statistic Measurement
- Pause/Resume Acquisition
- New Software alarms
  - Within Range
  - Stabilize
  - Destabilize
- New Export configurations
  - Auto Export
  - Export with data reduction
- Setup for Multiple graphics

- Defects fixed for stability and usability

2017 Version Information

Released Date:	March 29, 2017

Requirements categories

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)
Mobile Devices: (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:	www.keysight.com/find/benchvueinstruments
File Name:	BenchVueDAQsetup.exe

Notable changes

- BenchVue Data Acquisition app now requires a license
- App includes Test Flow automation through the use of SCPI and Command Expert blocks
- Support for new license terms
- Defects fixed for stability and usability
- Gadget Improvements
  - Feature to show units on charts
  - Added X-Y chart gadget
  - Added gadgets for switches, digital read/write, analog slider
  - Increased max number of charts to 10
  - Increased max number of channels per chart to 40
  - Allows two Y-axes on strip chart
  - Changes to X-axis behavior on strip chart
  - Channel names visible on all charts

- Alarms Improvements
    - Color can be changed
    - Actions to send alerts or execute batch files
- Export Improvements
    - Auto-Export Datalog File
    - Copy to Clipboard – gadget image or data
- Additional Features
    - All modules fully supported
    - Upload data while scan continues to run

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.