PathWave Benchvue Lab Management and Control Solution Bundle

PATHWAVE

Streamline and simplify lab management, saving lab administrators and educators time and freeing them to focus on teaching.

PathWave BenchVue Lab provides overview connection statuses of all instruments, tracks assets with advanced management tools and allows administrators to configure the measurement settings of all instruments at once, all from a single admin PC. PathWave BenchVue Lab also provides an easier way to update firmware for all the connected Keysight instruments.

Enhance the learning experience of students by utilizing this solution as an education lab teaching software platform.

The BenchVue instrument control apps allow users to easily control, analyze and build custom automated sequences with BenchVue Test Flow with the condition of having all the instruments apps running within the legacy BenchVue platform. Full desktop and application sharing allows for easy remote monitoring and student assistance in the test lab. And with the PathWave BenchVue Lab Client App installed at each test bench computer, students can easily control instruments, log data and screenshots, and automatically join lab sessions. Educators can easily integrate the solution into the existing lab setup as this solution supports over hundreds of Keysight test and measurement instruments and will also connect to non-Keysight test instruments that are compliant with the VISA connection protocol. Together with an intuitive GUI and the ability to import CSV files, the PathWave BenchVue Lab solution enables educators to quickly set up and configure large labs.
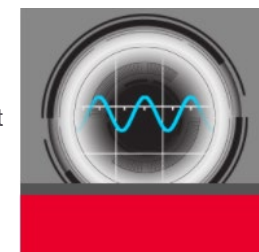

For educational institutions with valid PathWave BenchVue Complete Control Collection support plan.

PathWave BenchVue software apps connect to over hundreds of Keysight instruments and counting including digital multimeters, oscilloscopes, data acquisition units, signal analyzers, power supplies, function/ waveform generators, network analyzers, electronic loads, power analyzers, signal generators, FieldFox handheld analyzers, universal counters and more!

Lab management and teaching measurements, simplified.

The Keysight PW9111EDU PathWave BenchVue Lab Management and Control Solution consist of the Keysight PathWave BenchVue Lab apps and the BV9001B PathWave BenchVue Complete Control Collection. PathWave BenchVue Lab is designed as a LAN-based lab management solution, providing centralized instrument configuration and lab overview for educators to seamlessly manage the teaching labs. The PathWave BenchVue Complete Control Collection includes BenchVue instrument control, automation and analysis apps, enabling easy control, data capture, logging, monitoring and report generation for students working at a test bench. Together, the PathWave BenchVue Lab Management and Control Solution serve as a powerful teaching tool for instructional laboratories.

KEYSIGHT
TECHNOLOGIES

Control. Automate. Simplify.

The PathWave BenchVue Lab Management and Control Solution Bundle includes licensed versions of apps listed below.

PathWave BenchVue Control, Automation & Analysis Apps	Features
PathWave BenchVue Lab Manager App (PW0110B) and Lab Client App (PW0111B)	• Lab & Bench configuration include non-Keysight instruments
Digital Multimeter App (BV0001B)	• Instrument control and measurements • Data logging with graphing • Digitizer functions • Limit testing and alerts
Function Generator App (BV0002B)	• Instrument control and measurements • Waveform editing capabilities
Power Supply App (BV0003B)	• Instrument control and measurements • Log output V&I data with graphing • Status alerts
Oscilloscope App (BV0004B)	• Instrument control and measurements • Get screen images and trace data • Log measurements with graphing • Limit testing and alerts
Data Acquisition App (BV0006B)	• Instrument control and measurements • Data graphing tools • In depth analysis • Log measurements
Power Meter App (BV0007B)	• Instrument control and measurements • Data visualization tools • Multi-unit control
Command Expert Software	• Easily find and use instrument commands • Run and test command sequences
Serial Control App	• Interface control with read write capabilities
USB Modular Function Generator (BV0022B)	• Instrument control and measurements
USB Modular Oscilloscope (BV0024B)	• Instrument control and measurements • Get screen images and trace data • Limit testing and alerts
USB Modular Chassis	• Chassis control and measurements

PathWave BenchVue Control, Automation & Analysis Apps	Features
FieldFox App (BV0010B)	• Instrument control and measurements • Support for SA and NA personalities • Log trace data and screen images
Universal Counter App (BV0011B)	• Instrument control and measurements • Log frequency or time interval data
Electronic Load App (BV0012B)	• Instrument control and measurements • Log power, V, I • Parallel channel config
Current Analyzer App (BV0013B)	• Instrument control and measurements • Get screen images and trace data • Log measurements with graphing
LCR Meter App (BV0014B)	• Instrument control and measurements • Get screen images and trace data • Log measurements with graphing
Spectrum Analyzer App (BV9001B)	• Instrument control and measurements • Log screen Images • Log trace data
Network Analyzer App (BV9001B)	• Instrument control and measurements • Log screen Images • Log trace data
Signal Generator App (BV9001B)	• Instrument control and measurements • Arbitrary waveform setting
USB Modular Digital Multimeter (BV0021B)	• Instrument control and measurements • Data logging with graphing • Limit testing and alerts
USB Modular Source Measure Unit (BV0023B)	• Instrument control and measurements • Data logging with graphing • Parallel/Serial channel configurations
USB Modular Data Acquisition Control (BV0025B)	• Instrument control and measurements • In depth analysis • Log measurements
USB Modular Switch Matrix	• Instrument control

Control. Automate. Simplify.
Enabling the next generation of engineers to tackle and solve the toughest electronic design and test challenges.

Product	Description
PW9111EDU	PathWave BenchVue Lab Management and Control Solution • 1x PathWave BenchVue Lab Manager App network license • 100 x PathWave BenchVue Lab Client App, network licenses, this is part of BV9001B • 100 x BV9001B PathWave BenchVue Complete Control Collection, network licenses, which cover control collection apps Note: PW9111EDU offers 4 license terms: • 12 Months • 24 Months • 36 Months • Perpetual

Keysight PathWave BenchVue Lab Management and Control Solution
www.keysight.com/find/PW9111EDU

For other Keysight Education Resources and products visit:
www.keysight.com/find/education

To see the full list of BenchVue supported instrument model numbers visit:
www.keysight.com/find/BenchVueInstruments

For more information about Keysight BenchVue software:
www.keysight.com/find/BenchVue

Learn more at: www.keysight.com

KEYSIGHT TECHNOLOGIES