

Product Datasheet - Technical Specifications



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Benchvue Education Lab Management and Control Collection Bundle

Lab Management and Teaching Measurements, Simplified.

The Keysight BV9111EDU BenchVue Lab Management and Control Solution consists of the Keysight BV011xB BenchVue Lab apps and the BV9001B BenchVue education control collection. BenchVue Lab is designed as a LAN-based lab management solution, providing centralized instrument configuration, lab overview and asset tracking for educators managing teaching labs. The BenchVue education 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 BenchVue Lab Management and Control Solution serves as a powerful teaching tool for instructional laboratories



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

BenchVue Lab provides overview connection statuses of all instruments via a customizable home screen with widget control, and allows administrators to configure the measurement settings of all instruments at once, all from a single admin PC. With this single software platform, administrators also can easily track asset inventories; changes to the asset list – such as when instruments are sent for calibration or removed from the lab on loan – are automatically updated in software's lab configuration status.

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. Full desktop and application sharing allows for easy remote monitoring and student assistance in the test lab. And with the BenchVue Lab Client App installed at each test bench computer, students can easily control instruments, log data and screen shots, and automatically join lab sessions. Easily integrate the solution into the existing lab setup. This solution supports over five hundred 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, BenchVue Lab enables educators to quickly set up and configure large labs.



BenchVue supports 500 over Keysight instruments 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!

1. For educational institutions with valid BenchVue Education Control Collection support plan.

Control. Automate. Simplify.

The BenchVue Education Bundle includes licensed versions of apps listed below.

BenchVue Control, Automation & Analysis Apps	Features	BenchVue Control, Automation & Analysis Apps	Features
Manager App (BV0110B) and Client App (BV0111B)	<ul style="list-style-type: none"> Lab & Bench configuration include non-Keysight instruments Asset tracking & Management with calibration/loan reminder email 	FieldFox App (BV0010B)	<ul style="list-style-type: none"> Instrument control and measurements Support for SA and NA personalities Log trace data and screen images
Digital Multimeter App (BV0001B)	<ul style="list-style-type: none"> Instrument control and measurements Data logging with graphing Digitizer functions Limit testing and alerts 	Universal Counter App (BV0011B)	<ul style="list-style-type: none"> Instrument control and measurements Log frequency or time interval data
Function Generator App (BV0002B)	<ul style="list-style-type: none"> Instrument control and measurements Waveform editing capabilities with BenchLink Waveform Builder Pro 	Electronic Load App (BV0012B)	<ul style="list-style-type: none"> Instrument control and measurements Log power, V, I Parallel channel config
Power Supply App (BV0003B)	<ul style="list-style-type: none"> Instrument control and measurements Log output V&I data with graphing Status alerts 	Spectrum Analyzer App (BV9001B)	<ul style="list-style-type: none"> Instrument control and measurements Log screen Images Log trace data
Oscilloscope App (BV0004B)	<ul style="list-style-type: none"> Instrument control and measurements Get screen images and trace data Log measurements with graphing Limit testing and alerts 	Network Analyzer App (BV9001B)	<ul style="list-style-type: none"> Instrument control and measurements Log screen Images Log trace data
Data Acquisition App (BV0006B)	<ul style="list-style-type: none"> Instrument control and measurements Data graphing tools In depth analysis Log measurements 	Signal Generator App (BV9001B)	<ul style="list-style-type: none"> Instrument control and measurements Arbitrary waveform setting
Power Meter App (BV0007B)	<ul style="list-style-type: none"> Instrument control and measurements Data visualization tools Multi-unit control 	Command Expert Software (N/A)	<ul style="list-style-type: none"> Easily find and use instrument commands Run and test command sequences



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

Product	Description
BV9111EDU	<p>BenchVue Lab Management and Control Solution</p> <ul style="list-style-type: none"> 1x BV0110B BenchVue Lab Manager App, transportable license 50x BV0111B BenchVue Lab Client App, network/floating licenses, this is part of BV9001B 1 x BV9001B BenchVue Education and Control Collection consists 50 network licenses, which cover control collection apps Upgrade option to increase additional 50 network licenses for BV9001B and BV0111B on top of BV9111EDU Unlimited one-year student licenses, allowing students to access the BenchVue Education Control Collection apps on their personal devices <p>Note: BV9111EDU offers 3 license term:</p> <ul style="list-style-type: none"> 12 Months 24 Months Perpetual

Keysight BenchVue Lab Management and Control Solution
<http://www.keysight.com/find/lms>

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