Your Bench. Just Smarter.

Keysight BenchVue software for the PC eliminates many of the issues around bench testing. By making it simple to connect, control instruments, and automate test sequences you can quickly move past the test development phase and access results faster than ever before with just a few clicks.

Dedicated instrument apps allow you to quickly configure the most commonly used measurements and setups for each instrument family. Using the integrated Test Flow app you can rapidly build custom test sequences to automate and visualize test results without the need for instrument programming and significantly streamline your workflow.

Use BenchVue Apps to:
- Configure the most commonly used controls and measurements from instruments
- Visualize multiple measurements simultaneously
- Easily log and export data and screen images in just a few clicks for faster analysis
- Create automated test sequences fast with minimal instrument knowledge
- Access deeper instrument controls and solutions

Save time by:
- Analyzing results within BenchVue or with built-in data exports
- Learning software quickly with common look and feel apps
- Utilizing multiple instrument apps in one easy to use software platform

BenchVue is Enabled on Over 470 Keysight Instruments

BenchVue software works with hundreds of Keysight digital multimeters, power supplies, function/arbitrary waveform generators, spectrum analyzers, data acquisition units, network analyzers, oscilloscopes, power meters, power sensors, electronic loads, universal counters, and more.

For full list of Keysight enabled instruments visit: www.keysight.com/find/benchvueinstruments

BenchVue software allows you to control your instruments, easily build automated tests and drive measurements to actionable insights faster.
BenchVue Software Supported Instruments

Each of the BenchVue apps support certain Keysight instrument models. BenchVue connects to over 470 instruments and continues to expand. These apps are updated regularly with additional models as shown below. For the most current supported instrument list, visit: www.keysight.com/find/BenchVueInstruments

<table>
<thead>
<tr>
<th>Data acquisition units (2)</th>
<th>Power meters/sensors (25)</th>
<th>Function generators (19)</th>
<th>Power supplies/SMUs (146)</th>
<th>Spectrum/signal analyzers (30)</th>
<th>Oscilloscopes (174)</th>
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<tbody>
<tr>
<td>34970A</td>
<td>U2021XA</td>
<td>332xA (3)</td>
<td>B2900 Series (4)</td>
<td>X-Series</td>
<td>1000-X Series (4)</td>
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<td>N5700 Series (24)</td>
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<td>U2049XA LAN</td>
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<td></td>
<td>U2000 Series (9)</td>
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<td>N6701A/C</td>
<td>HSA N934xC (3)</td>
<td>6000L Series (3)</td>
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<td>U848x Series (4)</td>
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<td>ESA E440xB (4)</td>
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<td>N191xA (4)</td>
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<td>N6785A</td>
<td>BSA N932xB/C (2)</td>
<td>9000 Series (8)</td>
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<td>N6786A</td>
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<td>N6900 Series (12)</td>
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<td>90000 Q-Series (5)</td>
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<td>90000 X-Series (12)</td>
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<td>N8700 Series (21)</td>
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<td>S Series (14)</td>
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<td>N8900 Series (36)</td>
<td></td>
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</tr>
</tbody>
</table>

- **Digital multimeters (10)**
  - 34xxA

- **Network analyzers (29)**
  - ENA E50xxA/B/C (5)
  - PNA N522x (5)
  - PNA-L N523xA/C (6)
  - PNA-X N524x (6)
  - PXI VNAs
    - M937xA (6)
    - PXIe multiport VNA
    - M9485A

- **Power analyzers (2)**
  - PA2201A
  - PA2203A

- **Signal generators (14)**
  - E4428C
  - E4438C
  - EXG X-Series
    - N517xB (3)
  - MXP X-Series
    - N518xB (3)
  - N518xA (3)

- **Power supplies/SMUs (146)**
  - N9040B UXA
  - N9030A/B PXA
  - N9020A/B MXA
  - N9010A/B EXA
  - N9000A/B CXA
  - M9290A CXA
  - HSA N934xC (3)
  - ESA E440xB (4)
  - PSA E444x (6)
  - BSA N932xB/C (2)

- **Network analyzers (29)**
  - ENA E50xxA/B/C (5)
  - PNA N522x (5)
  - PNA-L N523xA/C (6)
  - PNA-X N524x (6)
  - PXI VNAs
    - M937xA (6)
    - PXIe multiport VNA
    - M9485A
## Application Comparisons

BenchVue software supports many Keysight instrument types and hundreds of models all from one platform. Choose from a variety of powerful apps below to accelerate your workflow.

<table>
<thead>
<tr>
<th>Control, Automation and Analysis Apps</th>
<th>App Type</th>
<th>Features</th>
<th>Test Flow Automation Capabilities</th>
<th>Mobile Support</th>
</tr>
</thead>
</table>
| BenchVue Complete Control Collection (BV9001B) | Control & automation, analysis | – Access to all BenchVue control, automation, or analysis apps  
– Exclusive access to Spectrum Analyzer, Network Analyzer, Signal Generator apps | – Controls integrated in app  
– Using Command Expert instrument controls | Depends on app used |
| Digital Multimeter App (BV0001B) | Control & automation | – Instrument control and measurements  
– Data logging with graphing  
– Digitizer functions  
– Limit testing and alerts | – Controls integrated in app  
– Using Command Expert instrument controls | Yes |
| Function Generator App (BV0002B) | Control & automation | – Instrument control and measurements  
– Waveform editing capabilities | – Controls integrated in app  
– Using Command Expert instrument controls | Yes |
| Power Supply App (BV0003B) | Control & automation | – Instrument control and measurements  
– Log output V&I data with graphing  
– Status alerts | – Controls integrated in app  
– Using Command Expert instrument controls | Yes |
| Oscilloscope App (BV0004B) | Control & automation | – Instrument control and measurements  
– Get screen images and trace data  
– Log measurements with graphing  
– Limit testing and alerts | – Controls integrated in app  
– Using Command Expert instrument controls | Yes |
| Data Acquisition App (BV0006B) | Control & analysis | – Instrument control and measurements  
– Data graphing tools  
– In depth analysis  
– Log measurements | – Using Command Expert instrument controls | No |
| Power Meter App (BV0007B) | Control & analysis | – Instrument control and measurements  
– Data visualization tools  
– Multi-unit control | – Controls integrated in app  
– Using Command Expert instrument controls | No |
| FieldFox App (BV0010B) | Control & automation | – Instrument control and measurements  
– Support for SA and NA personalities  
– Log trace data and screen images | – Controls integrated in app  
– Using Command Expert instrument controls | No |
| Universal Counter App (BV0011B) | Control & automation | – Instrument control and measurements  
– Log frequency or time interval data | – Controls integrated in app  
– Using Command Expert instrument controls | No |
| Electronic Load App (BV0012B) | Control & automation | – Instrument control and measurements  
– Log power, V, I  
– Parallel channel config | – Controls integrated in app  
– Using Command Expert instrument controls | No |
| Spectrum Analyzer App (BV9001B) | Control & automation | – Instrument control and measurements  
– Log screen images  
– Log trace data | – Controls integrated in app  
– Using Command Expert instrument controls | Yes |
| Network Analyzer App (BV9001B) | Control & automation | – Instrument control and measurements  
– Log screen images  
– Log trace data | – Controls integrated in app  
– Using Command Expert instrument controls | No |
| Signal Generator App (BV9001B) | Control & automation | – Instrument control and measurements  
– Arbitrary waveform setting | – Controls integrated in app  
– Using Command Expert instrument controls | No |
| Power Analyzer App (N/A) | Control & analysis | – Instrument control and measurements  
– Log measurements  
– Screen captures | NA | No |
| Solar Array Simulator Control App (DG8901A) | Technology specific | – Simple solar array simulator controls  
– View I-V, power curves  
– Create PV curves (in licensed version only) | NA | No |
Selecting the Right BenchVue License

Keysight offers a variety of licensing options to fit your needs. Choose your type. Choose your term. Keep control of your budget. With every BenchVue app or bundle you may choose different licensing terms. The most common option is the Perpetual Transportable license.

<table>
<thead>
<tr>
<th>License Types</th>
<th>License Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Node Locked</td>
<td>-1FP</td>
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<tr>
<td>Transportable</td>
<td>-1TP*</td>
</tr>
<tr>
<td>Network Floating</td>
<td>-1NP</td>
</tr>
</tbody>
</table>

* Most popular license configuration

Terms

Perpetual – No time limit on software usage  
Time Based – Software use limited to 1 year

Types

Fixed Node Locked – Software license for 1 PC  
Transportable – Ability to transfer license from PC to another PC  
Network Floating – Network-based license provides multiple users access to software license from server

Each BenchVue app is available with all 6 license types. Select which license type that is right for you.

Ordering your license

Your Keysight representative or favorite Keysight sales partner may help you with the ordering process. These are the typical steps when selecting a Keysight software product.

Step 1: Choose your apps/bundle.  
“I want to use BenchVue for all my bench instruments, I want the BenchVue Complete Control Collection”  
- Select BV9001B

Step 2: Choose your license terms and type.  
“I want an app that can be used in my lab or my desk (2 computers) and we’ll need the app indefinitely”  
- Select -1TP

Step 3: For the complete order number combine the model and license term/type:  
BV9001B-1TP

Step 4: Choose a paper or electronic delivery of your license entitlement certificates.

Step 5: Place your order.

BenchVue Software

Control. Automate. Simplify.

Start accelerating your workflow and download a free 30-day trial version today:  
www.keysight.com/find/benchvue
Evolving
Our unique combination of hardware, software, support, and people can help you reach your next breakthrough. We are unlocking the future of technology.

From Hewlett-Packard to Agilent to Keysight

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www.keysight.com/find/benchvue

For more information on Keysight Technologies’ products, applications or services, please contact your local Keysight office. The complete list is available at:
www.keysight.com/find/contactus

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Canada (877) 894 4414
Brazil 55 11 3351 7010
Mexico 001 800 254 2440
United States (800) 829 4444

Asia Pacific
Australia 1 800 629 485
China 800 810 0189
Hong Kong 800 938 693
India 1 800 11 2626
Japan 0120 (421) 345
Korea 080 769 0800
Malaysia 1 800 888 848
Singapore 1 800 375 8100
Taiwan 0800 047 866
Other AP Countries (85) 6375 8100

Europe & Middle East
Austria 0800 001122
Belgium 0800 58580
Finland 0800 523252
France 0805 980333
Germany 0800 6270999
Ireland 1800 832700
Israel 1 809 343051
Italy 800 599100
Luxembourg +32 800 58580
Netherlands 0800 0233200
Russia 8800 5009286
Spain 800 000154
Sweden 0200 882255
Switzerland 0800 805353
Opt. 1 (DE)
Opt. 2 (FR)
Opt. 3 (IT)
United Kingdom 0800 0260637

For other unlisted countries:
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