

DATA EXPORT

Data is saved in ASCII format, and can be exported to other processing applications or directly to Microsoft® Excel.

JUST LIKE PULSE

As with PULSE, PULSE Lite allows you to:

- Make your measurements in the field or the laboratory
- Process your data wherever you want
- Connect your PC to your front-end via a standard LAN or a wireless LAN
- Operate your front-end remotely
- Hot-swap batteries without disrupting your measurements or compromising your data

I'M INTERESTED – WHAT NOW?

- Take a look at the PULSE Lite demo on www.bksv.com

or

- Contact your local Brüel & Kjær sales representative for a free demo CD-ROM you can try at home and at your leisure. Don't forget to ask the price – you'll be pleasantly surprised!



SPECIFICATIONS

The Basic FFT Analysis template offers:

- 50 – 6400 lines resolution
- Up to 25.6 kHz
- 50-point waterfall plot (updated via time)
- Harmonic cursors

The Impact Analysis template offers:

- Hammer-based impact analysis
- FRF, coherence, imaginary part and phase all available
- Save up to 50 data points for export to Ascii
- Same frequency range and resolution as basic FFT analysis
- Harmonic cursors

The CPB product includes:

- True digital 1/1 - (16 Hz – 16 kHz) and 1/3 - (16 Hz – 20 kHz) octaves as per ISO and ANSI standards
- Overall A and L bands measured simultaneously
- Overall vs. time with the "Spectral Viewer" (allows you to see the spectrum at each level while you are looking at the overall levels)
- Basic loudness measurements
- 50-point waterfall plot for transient analysis
- Fast or slow time-weighting
- Linear or exponential averaging

The Run-up/Run-down option includes:

- FFT-based order analysis
- Run-up/Run-down waterfall analysis
- Up to four orders plus overall versus RPM with "Spectral Viewer" capability
- Same frequency slices range and resolution as basic FFT analysis
- Harmonic cursors



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PULSE LITE

PULSE LITE

PULSE™ Lite is just that – a lighter, simpler version of Brüel & Kjær's Windows®-based PULSE Multi-analyzer.

READY, STEADY, GO

One, two, three clicks and novice and expert alike can start troubleshooting and making valid sound and vibration measurements right away. With its strength in its simplicity, PULSE Lite is especially suitable for those who do not require a system as sophisticated as a full PULSE system. And just to start you off, a basic introduction to sound and vibration measurements is included.

TO GROW OR NOT TO GROW – IT'S ENTIRELY UP TO YOU

If your measurement needs suddenly change, you don't have to go out and buy a completely new system! PULSE Lite does not become obsolete but rather forms the foundation for an easy upgrade to a more powerful PULSE solution making it not only a wise but a long-term investment. All you need to do is to buy a new license. The hardware remains the same.



A CHOICE OF THREE

PULSE Lite comes in three configurations:

- Basic 2-channel FFT Analyzer-based system (Type 3560 C-L1), with Run up/ Run down option (Type 7783 G)
- Basic 4-channel FFT Analyzer-based system (Type 3560 C-L3), with Run up/ Run down option (Type 7783 A)
- Basic 2-channel CPB Analyzer-based system (Type 3560 C-L5)

SETUP AND DISPLAY – COULDN'T BE EASIER!

The task-oriented user-interface consists of a simplified menu bar with standard functionality and a task bar. The task bar contains two menus or task groups – Setup and Display.

THE SETUP MENU CONSISTS OF FOUR ICONS:

- Project Information
- Hardware Setup (not necessary if you use TEDS transducers)
- Measurement Setup (pre-set with most common measurement values. If these are acceptable you can start measuring immediately)
- Export

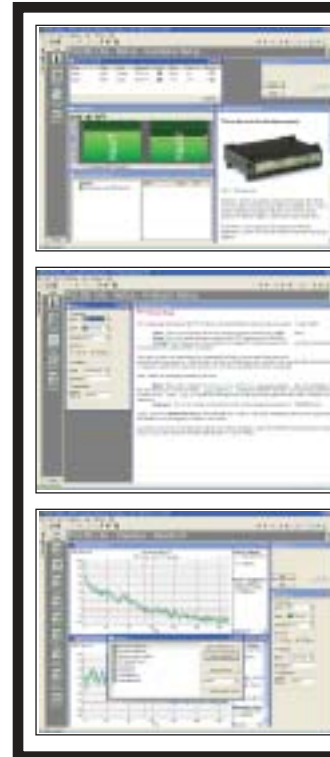
By clicking on each item in turn and following the instructions, you will be guided through each measurement step. This intuitive measurement setup not only saves you time but also limits the number of possible errors.

The Display menu consists of predefined displays suited to different measurement tasks. You don't need to do anything – just click on your choice.

HELP IS ALWAYS AT HAND

Status indicators show the progress of your measurements. So, if something does go wrong, you can immediately interrupt your measurement and start over. This saves you an inordinate amount of time and gives you complete control of the task in hand.

And should any problems occur along the way you can always use the comprehensive On-line Help.



HARDWARE DATABASE

PULSE Lite's hardware database stores information when a transducer is added to a channel. This information is automatically retrieved if an IEEE P1451.4-capable transducer with standardised TEDS is connected to the front-end.