Measure, control, analyse, and export with moorVMS-PC

















moorVMS-PC

The moorVMS-PC Windows based software package is specifically designed to enhance the operation and use of your moorVMS system.

The software, developed by Moor, is compatible with all moorVMS modules for measurement, graphical display, protocol control, analysis, reporting and exporting.

Any number and combination of modules can be connected to your PC, via the USB ports for plug and play usability. The software works seamlessly with USB hub extensions.

Powerful analysis and reporting functions including batch analysis protocols to save time and eliminate human error.

Data files from previous DRT4 (.drt) and moorLAB (.mlb) monitors can also be imported, allowing use of the new, advanced processing and data analysis features, including FFT and wavelet transform analysis and report generation of existing data.



- Clear graphical and digital display of all measurement modules connected, featuring quick set-up.
- Your choice of graph layout with chart, scope and overlay display (up to 16 channels), labels, scales and colour, background grid and auto scaling on/off.
- All raw data saved to enable allow full flexibility of analysis.
- Multiple alarm options during measurement for low, high and % baseline thresholds.
- Marker and ROI (Region of Interest) functions for flexible analysis including add, edit, delete and search.
- Monitoring duration limited only by your hard drive monitor for minutes, hours, days or weeks.
- Storage of data (complete with setup and subject information) for subsequent analysis and conversion to spreadsheet style format.

Comprehensive Protocol Control

- Automated control of study protocols for iontophoresis drug delivery, tissue heating and cuff pressure: automated data analysis.
- Comprehensive action list for protocol setup, including recording, pause, play sound, insert marker, display text message; iontophoresis, skin heater, pressure cuff control; digital trigger and run standard protocols.
- Iontophoresis: choose delivery current and delivery duration, single or multiple drug delivery, baseline and response periods.
- Tissue Heating: target temperature, heating rate, hold period, baseline and response periods.
- Combine iontophoresis, heating and pressure protocols.



Experimental setup – Simultaneous measurement of tissue blood flow (moorV/MS-LDF2) and oxygenation (moorV/MS-OXY) with heating (moorV/MS-HEAT) controlled by moorV/MS-PC.

 Pressure cuff control: choose from seven standard protocols including toe blood pressure, limb blood pressure, skin perfusion pressure, post occlusive reactive hyperaemia, pulse volume, ankle/brachial pressure index, toe/brachial pressure index.



moorVMS-PC – Pressure cuff protocol script setup.

Powerful Analysis and Reporting

 Analysis functions include: mean, std deviation, median, min, max, area under curve, histogram, curve fitting, percentage, power spectrum, wavelet and trend; statistical comparison of different sections of the traces.



moorVMS-PC - Report wizard.



moorVMS-PC - FFT Frequency analysis wizard.

- Routine analysis of standard protocols, includes; Toe Pressure, Ankle Brachial Pressure Index, % changes, Trending, skin heating and iontophoresis.
- Report generation with a formatting wizard to suit your individual requirements, for display in PDF, JPG, XML and other formats. Print hard copy or save and send as an electronic version.

Batch Processing Routine

- Select your choice of files for batch analysis from the file folder.
- Choose how you would like the files analysed and batch results are saved automatically in spreadsheet format, saving time and eliminating errors.

Save and Export Data

- Choose VMS format for analysis and reporting using moorVMS-PC
- Export data as text (XML, Excel, HTML) or picture (GIF, JPG, Bitmap, JPG, Metafile)

Demonstration version

A demonstration version is available on request or by download from www.moor.co.uk. It is also provided with every moorVMS system sold so you can evaluate the software for yourself.

About Moor Instruments

Moor Instruments, established in 1987, is a world leader in the design, manufacture and distribution of monitoring and imaging systems for microvascular assessments. We are proud now to include microvascular oxygenation assessments within this portfolio.

Firsthand experience of laser Doppler research and development within Moor dates back to 1978 and with this we have the breadth of knowledge to help with your microvascular application and the enthusiasm to try and find answers to any of your related questions.

By giving priority to performance, quality and service, we strive to ensure the highest levels of customer satisfaction.

Our dedicated design team is involved with a number of development projects with other partners and manufacturers. Whatever your needs, as a researcher, clinician or manufacturer, Moor will work harder for you.



moorVMS-PRES with optional moorVMS-LDF2 dual channel module.

Connectability





This product and its accessories are not for sale for use within the EU and UK.

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