

LabChart Software

Acquire and analyze telemetry data directly into LabChart

Researchers are now able to collect and analyze DSI PhysioTel™ and PhysioTel HD telemetry signals via LabChart software from ADInstruments. LabChart allows the recording, display and analysis of up to 32 channels of data in real time, including real-time averaging on multiple channels.

To use LabChart software with PhysioTel telemetry, you simply need a LabChart Pro license and the PhysioTel Connect device enabler and you'll be ready for your next study.

LabChart

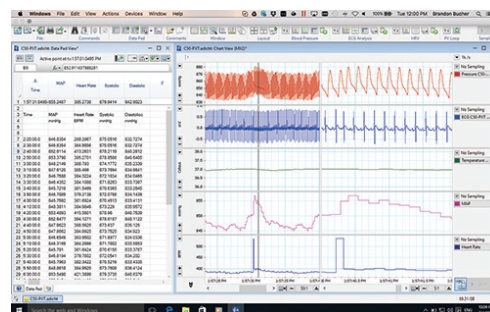
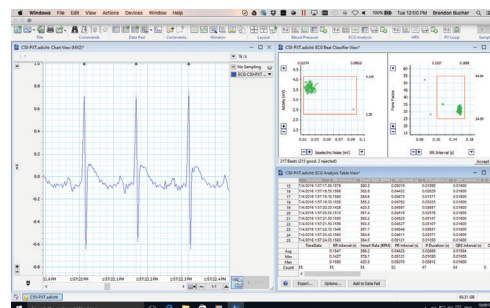
For nearly 30 years, ADInstruments' data acquisition and analysis products have been successfully supporting customers with powerful user-friendly software, specialized training & support, and flexible solution focused systems.

Benefits of LabChart

- Simple to use: LabChart is quick to setup and allows you to control hardware settings for recording and includes a range of analysis features designed for intuitive use.
- Grows with your research: It's simple to add new signals and measurements from almost any system and record directly into LabChart.
- Great flexibility: Create your own advanced calculations and macros to customize your analysis, and use a growing range of LabChart-compatible hardware for truly novel research. Combine LabChart with PowerLab to acquire other analog signals into your research as well.

LabChart Features

- Perform online or offline analysis
- Display a range of specialized View windows including Scope View, Zoom View and XY View
- Automatically recognize PowerLab models, amplifiers and smart transducers
- Automatically export recorded values to other graphical or statistical packages



LabChart Feature List

Analysis Manager	Data Plots	HRV Analysis	Scope View
Arithmetic	Device Discovery	Layout	Spectrum
Blood Pressure Analysis	Dose Response	Macros	Spike Histogram
Cardiac Output	DVM (data display method)	Metabolic	Spirometry
Channel Settings	ECG Analysis	Multipoint Calibration	Split Screen
Comments	Event Manager	Peak Analysis	Stimulator
Cyclic Measurements	Feature Manager	Playback File	Video Capture
Data Pad	Guidelines	PV Loop	Zoom View

LabChart Add-Ons

As your research grows, add-ons and customizations allow LabChart to grow with you.

- **Modules** provide highly specialized data acquisition and analysis features for specific research applications.
- **Extensions** allow additional data formatting, filtering, visualization, measurement and calculation features.
- **Device Enablers** allow certain devices to stream data directly into LabChart.

Contact your local representative to learn more about the available add-ons.

LabChart Citations

LabChart has been cited in nearly 3,000 peer-reviewed articles. A few recent examples are provided below.

Targeting Extracellular DNA to Deliver IGF-1 to the Injured Heart. Raffay S. Khan, Mario D. Martinez, Jay C. Sy, Karl D. Pendergrass, Pao-lin Che, Milton E. Brown, E. Bernadette Cabigas, Madhuri Dasari, Niren Murthy & Michael E. Davis. Khan, Raffay S., et al. "Targeting extracellular DNA to deliver IGF-1 to the injured heart." Scientific reports 4 (2014).

Motion sickness is associated with an increase in vestibular modulation of skin but not muscle sympathetic nerve activity. Danielle Klingberg, Elie Hammam, Vaughan G. Macefield. Danielle Klingberg, et al., Motion sickness is associated with an increase in vestibular modulation of skin but not muscle sympathetic nerve activity. Experimental Brain Research, 233: 2433-2440.

Age-related reflex responses from peripheral and central chemoreceptors in healthy men. Bartłomiej Paleczny, Piotr Niewiński, Agnieszka Rydlewska, Massimo F. Piepoli, Ludmiła Borodulin-Nadzieja, Ewa A. Jankowska, Beata Ponikowska. Bartłomiej Paleczny, et al., Age-related reflex responses from peripheral and central chemoreceptors in healthy men. Clinical Autonomic Research, 24: 285-296.

Establishing the Framework to Support Bioartificial Heart Fabrication Using Fibrin Based Three Dimensional Artificial Heart Muscle. Hogan, M., Mohamed, M., Tao, Z.-W., Gutierrez, L. and Birla, R. Hogan, M., et al., Establishing the Framework to Support Bioartificial Heart Fabrication Using Fibrin-Based Three-Dimensional Artificial Heart Muscle. Artificial Organs, 39: 165-171.

