

ADInstruments' new LabChart software module, PV Loop, speeds up the analysis of hemodynamic and cardiovascular compliance data.

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The PV Loop module for LabChart 7.1 provides a quick and simple way to display and analyze pressure volume loops for hemodynamic research in animals of all sizes. Analyses can be conducted during sampling or on pre-recorded data.

The module calculates a variety of hemodynamic parameters on a loop-by-loop basis, including pressure-volume area, stroke work, and cardiac output. A variety of plots for displaying linear regression information are available, and the specially designed PV Loop Analysis Manager allows researchers to save the settings of data analyses for future reference. Calibration options are provided to convert data to absolute volumes and correct for parallel conductance.

The PV Loop module integrates seamlessly with cardiovascular research equipment by Millar Instruments, including pressure-volume Mikro-Tip® Catheters and the MPVS Ultra.

ADInstruments and Millar Instruments products are widely used in premier research institutes, universities and pharmaceutical companies around the world and referenced in thousands of published research papers.

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About ADInstruments

ADInstruments provides data acquisition and analysis solutions for use in life science research and education. Our core product, the PowerLab data acquisition system, is supplied with LabChart, Scope and LabTutor software to provide comprehensive data acquisition, display and analysis features for a wide range of applications. Since 1988, PowerLab (also MacLab) systems have been used in the world's best academic, government and private organizations.

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