

ADInstruments in Research (Academic & Commercial)

- ADInstruments Research Systems are based around PowerLab® data acquisition units supplied with LabChart® and Scope™ software. The systems operate on computers running both Windows® and Macintosh® operating systems.
- PowerLab data acquisition systems acquire physiological signals from humans, animals, isolated organs and tissue as well as nerves and cells.
- PowerLab converts physiological signals from analog to digital. This allows the system to display, record and analyze on Windows and Macintosh computers running LabChart and Scope software. Optional LabChart Modules are available to provide acquisition and analysis features specific to specialized applications. Examples include Blood Pressure, Heart Rate Variability, ECG, Spike Histogram and Metabolic Modules.
- PowerLab is the leading system for data acquisition and analysis in life science research. Research studies using our systems have been cited in over 7000 published journal articles.
- Researchers from disciplines as diverse as cardiovascular physiology, pharmacology, respiratory physiology, psychology, neurophysiology and exercise physiology use PowerLab systems to record and analyze their data.
- ADInstruments research systems are an important part of life science laboratories in thousands of public and private research organizations worldwide, including MIT, Cambridge University, Pfizer, AstraZeneca and Roche.
- In the past 10 years, ADInstruments has opened highly successful offices in India and China in response to the regions' growing research and pharmaceutical industries.
- ADInstruments biopotential signal conditioners for human use are approved to the IEC 60601-1 standard. All ADInstruments data acquisition systems and preamplifiers meet the European EMC directive and carry the CE mark.
- ADInstruments has ISO 9001:2000 certification for the design and manufacture of PowerLab systems, using a quality assurance system that meets strict international standards.
- With GLP Client and Server, ADInstruments systems are suitable for use in GLP and 21 CFR Part 11 compliant environments.
- ADInstruments is a sustaining member of leading life science societies and exhibits at premier conferences and meetings including Experimental Biology, International Society for Heart Research, International Brain Research Organization and many others.

ADInstruments in Research (continued)

- ADInstruments regularly conducts hands-on research application workshops around the world in conjunction with institutions including the Jackson Laboratory, Stanford University and Karo Bio.

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