

Breaking Down Language Barriers in Life Science Education: LabTutor Experiments for PowerLab Available in Spanish, Portuguese, German and Japanese

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ADInstruments today released LabTutor teaching experiments in Spanish, Portuguese, German and Japanese. LabTutor software incorporates real-time physiological and biological recording and analysis into a collection of easy-to-follow experiments. The experiments enable more students to benefit from using PowerLab data acquisition and analysis systems from the beginning of their life science education.

English language LabTutor experiments are already part of science, medical and nursing curriculums in the United States, United Kingdom, Australia and New Zealand. With the 14 freshly translated Human Physiology experiments, more students are now able to investigate physiological principles in their own language. In each experiment, students use themselves or their classmates as subjects, and record and analyze cardiovascular, respiratory, muscular and neural signals.

LabTutor experiments lead students through each stage of the experiment, starting with background scientific principles, and continuing through equipment set-up, data acquisition, analysis and submitting a laboratory report to their instructor.

During acquisition exercises, the software automatically adjusts the PowerLab hardware's filtering settings to suit the experiment, and optimize the signal being recorded. Classes are not distracted by technical problems, resulting in more engaged students and more productive laboratory sessions.

LabTutor's translation reflects ADInstruments' commitment to the global life science community. The company's research-grade data acquisition and analysis software, Chart, is already available in Chinese, French, Japanese and Spanish, and PowerLab users are supported by 12 ADInstruments offices and over 40 distributors worldwide.

About ADInstruments

Established in 1988, ADInstruments is a world-leading provider of computer-based data acquisition and analysis systems for life science research and education. Based on the PowerLab® data acquisition system with Chart™, Scope™ and LabTutor® software, ADInstruments products enable users to record, display and analyze life science data quickly and efficiently, whether it is to speed up research projects, or to advance understanding of scientific concepts in biomedical classrooms. PowerLab systems are used in the world's best academic institutions, pharmaceutical and contract research laboratories, government organizations, and a wide range of private companies. ADInstruments is headquartered in Sydney, Australia and has offices in the United States, Germany, the United Kingdom, New Zealand, Japan, India, China, Malaysia and Chile.

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