

# Resource Summary Report

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## ADInstruments: PowerLab/4SP acquisition system

RRID:SCR\_018833

Type: Tool

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### Proper Citation

ADInstruments: PowerLab/4SP acquisition system (RRID:SCR\_018833)

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### Resource Information

**URL:** <http://m-cdn.adinstruments.com/owners-guides/PowerLab%20SP%20Series%20OG.pdf>

**Proper Citation:** ADInstruments: PowerLab/4SP acquisition system (RRID:SCR\_018833)

**Description:** Integrated system of hardware and software designed to record, display, and analyse experimental data. Consists of PowerLab recording unit and possible ancillary devices, software that run on computer to which PowerLab is connected. PowerLab/4SP has four inputs for recording external signals.

**Synonyms:** PowerLab/4SP

**Resource Type:** instrument resource

**Keywords:** Record data, display data, analyse experimental data, recording unit, integrated system, ADInstruments

**Availability:** Restricted

**Resource Name:** ADInstruments: PowerLab/4SP acquisition system

**Resource ID:** SCR\_018833

**Alternate URLs:** <https://m-cdn.adinstruments.com/owners-guides/PowerLab%20SP%20Series%20OG.pdf>

**Record Creation Time:** 20220129T080342+0000

**Record Last Update:** 20260815T182601+0000

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### Ratings and Alerts

No rating or validation information has been found for ADInstruments: PowerLab/4SP acquisition system.

No alerts have been found for ADInstruments: PowerLab/4SP acquisition system.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Cordeiro S, et al. (2026) Natural xanthonones as  $\gamma$ -Mangostin induce vasorelaxation involving key gating residues in the S6 domain of BK channels. eLife, 14.

Lohbihler M, et al. (2026) Human pluripotent stem cell-derived atrioventricular node-like pacemaker cells exhibit biological conduction bridge properties. Cell stem cell, 33(4), 571.

Shu S, et al. (2025) Histone Deacetylase 6 Controls Atrial Fibrosis and Remodeling in Postinfarction Mice Through the Modulation of Wnt3a/GSK-3 $\beta$  Signaling. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(10), e70650.

Michel-Flutot P, et al. (2024) PTEN inhibition promotes robust growth of bulbospinal respiratory axons and partial recovery of diaphragm function in a chronic model of cervical contusion spinal cord injury. Experimental neurology, 378, 114816.

Michel-Flutot P, et al. (2024) PTEN inhibition promotes robust growth of bulbospinal respiratory axons and partial recovery of diaphragm function in a chronic model of cervical contusion spinal cord injury. bioRxiv : the preprint server for biology.

Kirk ME, et al. (2023) Impact of sternotomy and pericardiotomy on cardiopulmonary haemodynamics in a large animal model. Experimental physiology, 108(5), 762.

Tsikis ST, et al. (2023) A pneumonectomy model to study flow-induced pulmonary hypertension and compensatory lung growth. Cell reports methods, 3(10), 100613.

Dilasser F, et al. (2022) Smooth muscle Rac1 contributes to pulmonary hypertension. British journal of pharmacology, 179(13), 3418.

Seitz BM, et al. (2021) Reduction in Hindquarter Vascular Resistance Supports 5-HT $_7$  Receptor Mediated Hypotension. Frontiers in physiology, 12, 679809.

Foo C, et al. (2021) Reinforcement learning links spontaneous cortical dopamine impulses to reward. Current biology : CB, 31(18), 4111.