

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

CED: Power1401

RRID:SCR_016040

Type: Tool

Proper Citation

CED: Power1401 (RRID:SCR_016040)

Resource Information

URL: <http://ced.co.uk/products/power3>

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Description: Data acquisition interface from Cambridge Electronic Design Limited. Works with Spike2 to provide continuous acquisition tasks. Records waveform data, digital and marker information, and can generate waveform and digital outputs simultaneously for real-time, multi-tasking experiment control.

Synonyms: , POWER1401-3 Data Acquisition Interface, Power1401-3A, CED Power1401 3A

Resource Type: instrument resource

Keywords: Cambridge Electronic Design Limited, equipment, hardware, instrument, USEDit

Availability: Restricted

Specification URL: <https://drive.google.com/file/d/1fl3Sbk3t-vRgPgDNMBbZQuLSBldJUPsO/view?usp=drivesdk>

Resource Name: CED: Power1401

Resource ID: SCR_016040

Alternate IDs: SCR_017282

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260905T132802+0000

Ratings and Alerts

No rating or validation information has been found for CED: Power1401.

No alerts have been found for CED: Power1401.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Pinto-Pardo N, et al. (2026) The contribution of dorsal horn cyclin-dependent kinase 5 (CDK5) to the initiation and maintenance of chronic pain is defined by the nature of injury. British journal of pharmacology.

Sinha AK, et al. (2026) Elucidating the Role of Muscarinic Acetylcholine Receptor Signalling in Efferent-Mediated Responses of Mammalian Vestibular Afferents. The European journal of neuroscience, 63(10), e70540.

Oliver TE, et al. (2026) Autonomic control of cardiac rhythm at the onset of muscle metaboreflex activation following exercise in healthy young and old adults. Physiological reports, 14(13), e71009.

Dussol M, et al. (2025) Contribution of peripheral and central delta opioid receptors in the relief of migraine-like headache in female and male rats. British journal of pharmacology, 182(18), 4380.

Paci M, et al. (2024) When the heart inhibits the brain: Cardiac phases modulate short-interval intracortical inhibition. iScience, 27(3), 109140.

Nascimento F, et al. (2024) Spinal microcircuits go through multiphasic homeostatic compensations in a mouse model of motoneuron degeneration. Cell reports, 43(12), 115046.

Sieu LA, et al. (2024) Slow and fast cortical cholinergic arousal is reduced in a mouse model of focal seizures with impaired consciousness. Cell reports, 43(12), 115012.

Sharma M, et al. (2023) Novel Evoked Synaptic Activity Potentials (ESAPs) Elicited by Spinal Cord Stimulation. eNeuro, 10(5).

Bishop M, et al. (2022) An open-source tool for automated analysis of breathing behaviors in common marmosets and rodents. eLife, 11.

Balsamo G, et al. (2022) Modular microcircuit organization of the presubicular head-direction map. Cell reports, 39(2), 110684.

Wittmann MK, et al. (2021) Causal manipulation of self-other mergence in the dorsomedial prefrontal cortex. *Neuron*, 109(14), 2353.

Miyamoto K, et al. (2021) Identification and disruption of a neural mechanism for accumulating prospective metacognitive information prior to decision-making. *Neuron*, 109(8), 1396.

Zaforas M, et al. (2021) Cortical layer-specific modulation of neuronal activity after sensory deprivation due to spinal cord injury. *The Journal of physiology*, 599(20), 4643.

Cardellicchio P, et al. (2021) The role of dorsal premotor cortex in joint action stopping. *iScience*, 24(11), 103330.

Sehara K, et al. (2019) Fast, Flexible Closed-Loop Feedback: Tracking Movement in "Real-Millisecond-Time". *eNeuro*, 6(6).