

Resource Summary Report

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ActiGraph Activity Monitor Devices

RRID:SCR_008399

Type: Tool

Proper Citation

ActiGraph Activity Monitor Devices (RRID:SCR_008399)

Resource Information

URL: <http://www.theactigraph.com>

Proper Citation: ActiGraph Activity Monitor Devices (RRID:SCR_008399)

Description: Commercial instrument supplier for human activity monitors. ActiGraph devices are used by researchers and clinicians in hundreds of universities and research organizations in more than 56 countries. ActiGraph activity monitors are the most validated and widely used devices of their kind. ActiGraph activity monitors use triaxial accelerometers and our validated proprietary filtering algorithms to accurately measure the amount and intensity of human activity. They are powered by rechargeable lithium ion batteries, and battery charging and communication are accomplished via a standard USB connection. All ActiGraph activity monitors can be worn at the waist or wrist and are suitable for subjects of all ages. ActiGraph devices have been used in hundreds of research studies in nearly 60 countries around the world since 1992. Leading research facilities including the U.S. National Institute of Health (NIH), the Institute of Child Health in the UK, and Karolinska Institutet in Sweden rely on our products to provide objective activity measurement in dozens of areas including obesity, diabetes, sleep, elderly behavior, and athletics. ActiGraph often works with scientific organizations to develop and implement software and hardware features that reflect the evolving needs of the research community. ActiGraph devices are well recognized as some of the most accurate activity measurement products on the market. Extensive research has confirmed our accuracy against the VO₂ and doubly labeled water (DLW) methods of estimating energy expenditure. Keywords: Device, Researcher, Clinician, University, Research, Organization, Obesity, Diabetes, Sleep, Elderly, Behavior, Athletics, Scientific, Activity monitor, Physical, Measurement, Human, Activity,

Synonyms: ActiGraph

Resource Type: material resource, instrument supplier

Resource Name: ActiGraph Activity Monitor Devices

Resource ID: SCR_008399

Alternate IDs: nif-0000-30064

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260808T190553+0000

Ratings and Alerts

No rating or validation information has been found for ActiGraph Activity Monitor Devices.

No alerts have been found for ActiGraph Activity Monitor Devices.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3359 mentions in open access literature.

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

Nilsson E, et al. (2026) Higher Sedentary Behaviour and Not Following Screen Time Guidelines Were Associated With Unfavourable Cardiometabolic Outcomes in Childhood. *Acta paediatrica* (Oslo, Norway : 1992), 115(1), 89.

Sousa Junior RR, et al. (2026) Modified sports intervention for improving participation goals and activity competence in ambulant children with cerebral palsy: A randomized controlled trial. *Developmental medicine and child neurology*, 68(1), 128.

Cai Y, et al. (2026) Associations between accelerometer-derived physical activity complexity, cognitive function, and plasma biomarkers of Alzheimer's disease. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 22(2), e71181.

Bell KM, et al. (2026) In-Field Ecological Momentary Assessment From Wearable Motion Sensors and Self-Report in a Chronic Low Back Pain Cohort. *JOR spine*, 9(1), e70156.

Dreyer AF, et al. (2026) Hydrocortisone replacement therapy in patients with glucocorticoid withdrawal syndrome after cessation of glucocorticoid treatment: REPLACE, a multicentre, randomised, double-blinded, placebo-controlled, 16-week study protocol. *BMJ open*, 16(2), e111334.

Fenton A, et al. (2026) Household Food Insecurity Is Associated With Higher Adiposity Over Time Among Adolescents in Louisiana. *Pediatric obesity*, 21(2), e70084.

Schaefer A, et al. (2026) Healthy school recognized campus: design and methodology of a hybrid type 2 implementation-effectiveness cluster randomized trial. *Implementation science : IS*, 21(1).

Korduner J, et al. (2026) Clinical characterization of individuals with obesity but normal blood pressure and heart function - a descriptive study from the SCAPIS cohort. BMC cardiovascular disorders, 26(1).

Boitard C, et al. (2026) Evaluating Electroencephalogram-Based Predictive Model for Drowsiness Measurement to Reduce Accident Risk in Active Individuals: Protocol for a Preliminary Monocentric Study. JMIR research protocols, 15, e83969.

Nauha L, et al. (2026) Sleep timing irregularity in midlife: association with incident major adverse cardiac events and cardiovascular disease mortality over a 10-year follow-up. BMC cardiovascular disorders, 26(1).

Spring KE, et al. (2026) Increasing Physical Activity in Educational Settings Using Mixed Reality Technology: Iterative Formative Study. JMIR formative research, 10, e83556.

Doherty CTM, et al. (2026) The STRENGTH Study: A cluster randomised controlled trial of the effect of a behaviour change intervention added to cardiac rehabilitation on physical activity adherence. PloS one, 21(3), e0345293.

O'Reilly SM, et al. (2026) Co-designing an intergenerational dance programme using the 6SQuID framework: a development and proof-of-concept study. BMJ open, 16(3), e106636.

Lu Y, et al. (2026) The dose-response relationship between light physical activity and electronic health literacy among ?community-dwelling older adults. BMC public health, 26(1), 442.

Jenkinson A, et al. (2026) Pre-Season Total Energy Expenditure and Dietary Intake of Professional Male Soccer Players: A Doubly Labelled Water Study. European journal of sport science, 26(3), e70149.

Walter A, et al. (2026) Sleep, rest-activity rhythm, cognitive and emotional symptoms in adult ADHD: unraveling the links with an actimetry-based approach. BMC psychiatry, 26(1).

Watanabe S, et al. (2026) Validation of the Rehabilitation Activity Time Score in Mechanically Ventilated Intensive Care Unit Patients. Cureus, 18(2), e102789.

Lund Ohlsson M, et al. (2026) Sedentary behaviour and physical activity levels in Swedish adolescents with and without intellectual disabilities. BMC pediatrics, 26(1).

Rahkola J, et al. (2026) Overprotective parenting and preschoolers' physical activity and screen time: cross-sectional findings from the DAGIS survey. The international journal of behavioral nutrition and physical activity, 23(1).

Cook PF, et al. (2026) Efficacy of Tailored Messages for 28-Week Exercise Sustainability in People with HIV. medRxiv : the preprint server for health sciences.