

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: instrument supplier, material resource

Resource Name: ActiGraph Activity Monitor Devices

Resource ID: SCR_008399

Alternate IDs: nif-0000-30064

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260811T043331+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 [NIF](#) .

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.

Weaver RG, et al. (2026) Predicting Sleep and Sleep Stage in Children Using Actigraphy and Heart rate via a Long Short-Term Memory Deep Learning Algorithm: A Performance Evaluation. *Journal of sleep research*, 35(1), e70149.

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.

Verswijveren SJ, et al. (2026) Latent profiles of movement behaviour compositions and their associations with adiposity and health-related quality of life in Australian children: a cross-sectional and 12-month longitudinal study. *BMJ open*, 16(6), e109130.

French SA, et al. (2026) Urban park use and children's physical activity in Minneapolis-Saint Paul Minnesota: Parks and Recreation for Kids Study (PARKS). *BMC pediatrics*, 26(1).

Dean K, et al. (2026) Sit-to-Stand Performance, Moderate-to-Vigorous Physical Activity, and Health-Related Quality of Life in Knee Osteoarthritis: A Prospective Mediation Analysis. *Preventing chronic disease*, 23, E09.

Kohler AA, et al. (2026) A Pilot Randomized, Controlled Trial of Nighttime Peanut Butter Supplementation in Firefighters: Blood Pressure and Body Composition Outcomes. *Diseases (Basel, Switzerland)*, 14(4).

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.

Camacho PB, et al. (2026) Study protocol for the Champaign-Urbana population study. *Frontiers in neuroimaging*, 5, 1728970.

Clavero-Jimeno A, et al. (2026) Sleep Efficiency Predicts Next-Day Glycaemia and Daytime Glycaemia Influences Sleep in Free-Living Adults at Risk of Type 2 Diabetes. *Diabetes, obesity & metabolism*, 28(6), 4890.

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.

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*.

Coloma P, et al. (2026) Daridorexant in children and adolescents with insomnia disorder: study protocol for a multicentre randomised controlled trial. *BMJ open*, 16(4), e099888.

Cho E, et al. (2026) A Mobile App-Based Individualized Nonpharmacological Intervention for Behavioral and Psychological Symptoms in Dementia: Pilot Randomized Controlled Trial. *JMIR mHealth and uHealth*, 14, e79469.

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.

Ter Hoeve N, et al. (2026) Women and men profit equally from cardiac rehabilitation: a secondary analysis of the OPTICARE RCT. *Journal of rehabilitation medicine*, 58, jrm44504.

Brandmeier A, et al. (2026) Education outside the classroom in Germany: An interdisciplinary multi-methods Study Protocol. *PloS one*, 21(6), e0337524.

Dunn A, et al. (2026) Examining the associations of self-control with physical fitness, cardiometabolic health, and well-being in young people aged 9-13 years. *Frontiers in cognition*, 5, 1755134.

Pippi R, et al. (2026) Integrating Nutrition and Physical Activity into the EXEMIG/01 Interdisciplinary Model for Chronic and High-Frequency Migraine. *Nutrients*, 18(12).

Edvinsson J, et al. (2026) Effects on 24-h physical behaviors and heart rate variability during sleep of a co-created workplace intervention to promote recovery in office workers with flexible work. *Journal of activity, sedentary and sleep behaviors*, 5(1).