

Smart Pain Relief Wearable Market to Grow at 13.6% CAGR from 2025-2029

The Business Research Company's Smart Pain Relief Wearable Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

LONDON, GREATER LONDON, UNITED KINGDOM, November 17, 2025 /EINPresswire.com/ -- What Is The Smart Pain Relief Wearable Market Size And Growth?

The size of the [smart pain relief wearable industry](#) has seen rapid expansion in the last few years. Its market size is projected to escalate from \$1.57 billion in 2024 to \$1.79 billion in 2025, indicating a compound annual growth rate (CAGR) of 14.0%. The impressive growth during the

“

Get 20% Off All Global Market Reports With Code ONLINE20 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors

”

The Business Research Company

historical period is due to factors such as a surge in the usage of smart pain relief wearables, a rise in chronic pain conditions, an increment of the aging population, enhanced healthcare awareness, and a preference towards non-invasive methodologies for pain management.

Anticipated to experience swift expansion in the upcoming years, the smart pain relief wearable market is projected to reach \$2.98 billion in 2029, growing at a compound annual growth rate (CAGR) of 13.6%. The predicted growth during the forecast period might result from factors like implementation of artificial intelligence, an escalated

demand for bespoke pain control, a hike in healthcare expenditure, favorable government actions, and the broadening of home healthcare provisions. Key trends in the forecast tenure include shrinking device sizes, improved interoperability with mobile applications, an increase in remote patient surveillance, partnerships between technological and healthcare industries, and a preference for ergonomic and comfort-oriented designs.

Download a free sample of the smart pain relief wearable market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=29201&type=smp>

The Business
Research Company

The Business Research Company



What Are The Current Leading Growth Drivers For Smart Pain Relief Wearable Market?

The rise in musculoskeletal disorders is anticipated to fuel the expansion of the smart pain relief wearable market in the future. These health issues, which affect muscles, bones, joints, tendons, ligaments, and nerves, resulting in pain, stiffness, or impaired mobility from excessive use, strain, or injury, are becoming more common due to the widespread adoption of sedentary lifestyles. These lifestyles can lead to poor posture and weakened muscles over time. Smart pain relief wearables assist in managing musculoskeletal disorders by offering non-invasive devices that provide pinpointed pain relief and promote faster muscle recuperation through constant monitoring and personalized treatment. For example, the Institute for Health Transformation (IHT), an Australian research entity, documented one fracture every 2.7 minutes in 2023. This rate in Australia is predicted to dramatically increase to one fracture every 30 seconds by 2033, showcasing a drastic increase in fracture cases over 10 years. Consequently, the escalating occurrence of musculoskeletal disorders is prompting the growth of the smart pain relief wearable market.

Which Companies Are Currently Leading In The Smart Pain Relief Wearable Market?

Major players in the Smart Pain Relief Wearable Global Market Report 2025 include:

- OMRON Healthcare Inc.
- Beurer GmbH
- Electrostim Medical Services Inc.
- Hinge Health Inc.
- Therabody Inc.
- Electronic Waveform Lab Inc.
- Nooro Inc.
- TensCare Limited
- Soterix Medical Inc.
- ExcelHealth Inc.

What Are The Future Trends Of The Smart Pain Relief Wearable Market?

Key players in the smart pain relief wearable market are zeroing in on developing cutting-edge sensor technologies, such as proprietary motion-sensing technology, to boost personalized pain relief and augment treatment results via real-time motion analysis and focused vibration therapy. Proprietary motion-sensing technology is an elaborate system that specifically identifies and studies a person's distinct motion styles, using integrated sensors and tailored algorithms to provide impeccably timed therapeutic actions. For example, in July 2025, SomaTX Design Inc., a health tech firm based in the US, introduced KneeMo, the first intelligent wearable gadget intended to revolutionize knee pain management by alleviating pain and bolstering muscle performance during movement. The gadget was conceived by Dr. Tom Andriacchi, Professor Emeritus at Stanford University, and Dr. Jenny Hledik, a biomechanical engineer with an expertise in human locomotion, based on over 50 years of joint mechanics and rehabilitation research. This product introduction comes at an apt time when more individuals are living longer and aspire to maintain an active lifestyle in their later years.

How Is The Smart Pain Relief Wearable Market Segmented?

The smart pain relief wearable market covered in this report is segmented –

- 1) By Product Type: Transcutaneous Electrical Nerve Stimulation (TENS) Devices, Electrical Muscle Stimulation (EMS) Devices, Heat Therapy Wearables, Vibration Therapy Wearables, Other Products
- 2) By Distribution Channel: Online Stores, Pharmacies, Specialty Stores, Other Distribution channels
- 3) By Application: Chronic Pain, Acute Pain, Postoperative Pain, Sports Injuries, Other Applications
- 4) By End-User: Hospitals And Clinics, Home Care, Sports And Fitness Centers, Other End-users

Subsegments:

- 1) By Transcutaneous Electrical Nerve Stimulation Devices: Portable Devices, Wireless Devices, Wearable Patches, Multi-Channel Devices
- 2) By Electrical Muscle Stimulation Devices: Portable Devices, Wireless Devices, Wearable Bands, Multi-Channel Devices
- 3) By Heat Therapy Wearables: Infrared Heat Wearables, Moist Heat Wearables, Dry Heat Wearables, Microwave Heat Wearables
- 4) By Vibration Therapy Wearables: Handheld Devices, Full Body Wearables, Localized Wearables, Smart Massage Wearables
- 5) By Other Products: Cold Therapy Wearables, Ultrasound Therapy Wearables, Compression Therapy Wearables, Combination Therapy Wearables

View the full smart pain relief wearable market report:

<https://www.thebusinessresearchcompany.com/report/smart-pain-relief-wearable-global-market-report>

Which Is The Dominating Region For The Smart Pain Relief Wearable Market?

In 2024, North America held the title for being the largest market for smart pain relief wearables. In the coming years, Asia-Pacific is projected to exhibit the most rapid growth. The market report covers several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Reports Similar to the [Global Smart Pain Relief Wearable Market 2025, By The Business Research Company](#)

Smart Wearables Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/smart-wearables-global-market-report>

Wearable Medical Devices Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/wearable-medical-devices-market>

Smart Healthcare Products Global Market Report Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/smart-healthcare-products-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/867227431>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.