

# Global Huamanoid Robot E-Skin Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our latest research, the global Huamanoid Robot E-Skin market size will reach USD 2191 million in 2031, growing at a CAGR of 15.2% over the analysis period.

With the rapid development of the humanoid robot industry, electronic skin that gives robots a sense of touch has become one of the areas of concern in the industry chain. Electronic skin is crucial for humanoid robots. When the robot touches an external object, the 'skin' transmits electrical signals to the robot's 'brain', allowing the 'brain' to perceive the texture, texture, temperature, shape and other information of the contact object, making the robot's actions more flexible and effective. The core of electronic skin is a flexible tactile sensor, which currently has a variety of technical routes such as piezoresistive, capacitive, and piezoelectric.

This report is a detailed and comprehensive analysis for global Huamanoid Robot E-Skin market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### Key Features:

Global Huamanoid Robot E-Skin market size and forecasts, in consumption value (\$ Million), 2020-2031

Global Huamanoid Robot E-Skin market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global Huamanoid Robot E-Skin market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2020-2031

Global Huamanoid Robot E-Skin market shares of main players, in revenue (\$ Million), 2020-2025

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Huamanoid Robot E-Skin

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Huamanoid Robot E-Skin market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Novasentis, Tekscan, JDI, Baumer Group, Fraba Group, Canatu, Syntouch, Pressure Profile Systems, Shenzhen Tacsense, Guangzhou Puhui Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### Market segmentation

Huamanoid Robot E-Skin market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Capacitive Type

Resistive Type

Piezoelectric Type

Other

#### Market segment by Application

Robot Hand

Others

#### Market segment by players, this report covers

Novasentis

Tekscan

JDI

Baumer Group

Fraba Group

Canatu

Syntouch

Pressure Profile Systems

Shenzhen Tacsense

Guangzhou Puhui Technology

Jialong Group

Hanwei Electronics Group

Suzhou Huiwen Nano S & T

Suzhou Leanstar Electronic Technology Co., Ltd.

PaXiniTech

Shenzhen Legact Technology Co., Ltd.

New Degree Technology

Hangzhou Shenhao Technology Co.,LTD.

Suzhou Sushi Testing

Beijing Tashan Science And Technology Co., Ltd.

Moxian Technology (Dongguan) Co., Ltd

Keli Sensing Technology (Ningbo) Co., Ltd.

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 13 chapters:**

Chapter 1, to describe Huamanoid Robot E-Skin product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Huamanoid Robot E-Skin, with revenue, gross margin, and global market share of Huamanoid Robot E-Skin from 2020 to 2025.

Chapter 3, the Huamanoid Robot E-Skin competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025. and Huamanoid Robot E-Skin market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Huamanoid Robot E-Skin.

Chapter 13, to describe Huamanoid Robot E-Skin research findings and conclusion.

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