

# Global Fingertip Force Sensor Market Growth 2023-2029

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## Abstracts

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The global Fingertip Force Sensor market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Fingertip Force Sensor is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Fingertip Force Sensor is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Fingertip Force Sensor is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Fingertip Force Sensor players cover Tekscan, Pressure Profile Systems, Sensor Products Inc., Weiss Robotics, SynTouch, Tacterion GmbH and FUTEK, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

A tactile sensor (aka fingertip force sensor) is a device that measures the forces in response to the physical interaction with the environment. The sense of touch in humans is modeled based on the biological sense of touch provoked by the mechanical stimulation of the skin. Tactile sensors are used in robotics, computer hardware, and security systems. A common application of tactile sensors is in robotic hands and fingers (i.e. robotic tactile sensing).

LPI (LP Information)' newest research report, the “Fingertip Force Sensor Industry Forecast” looks at past sales and reviews total world Fingertip Force Sensor sales in 2022, providing a comprehensive analysis by region and market sector of projected Fingertip Force Sensor sales for 2023 through 2029. With Fingertip Force Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Fingertip Force Sensor industry.

This Insight Report provides a comprehensive analysis of the global Fingertip Force Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Fingertip Force Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Fingertip Force Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Fingertip Force Sensor and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Fingertip Force Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Fingertip Force Sensor market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Optical Tactile Sensor

Piezoelectric Tactile Sensor

Resistive Tactile Sensor

Capacitive Tactile Sensor

Magnetic Tactile Sensor

## Segmentation by application

Consumer Electronics

Automobile

Medical

Communication

Other

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Tekscan

Pressure Profile Systems

Sensor Products Inc.

Weiss Robotics

SynTouch

Tacterion GmbH

FUTEK

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Fingertip Force Sensor market?

What factors are driving Fingertip Force Sensor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Fingertip Force Sensor market opportunities vary by end market size?

How does Fingertip Force Sensor break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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