

Global Thin-Film Force Sensors Market Growth 2022-2028

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Abstracts

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Thin-Film Force Sensors use two sets of electrically distinct interdigitated fingers printed on a conductor substrate. A thin spacer separates the circuit from a layer of conductive ink. When a force or pressure, whether from a human touch or other source, is applied to the surface of the sensor, the conductive ink creates shunts between the two sets of fingers, completing the circuit and decreasing the device's resistance, which can be measured. The resulting sensor is thin, flexible, and resilient. Plus, their low cost and easy integration make them a great choice for scalable projects.

The global market for Thin-Film Force Sensors is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Thin-Film Force Sensors market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Thin-Film Force Sensors market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Thin-Film Force Sensors market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Thin-Film Force Sensors market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Thin-Film Force Sensors players cover Nissha, New Degree Technology, Citizen Electronics, Memtronik and Tekscan, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Thin-Film Force Sensors market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Thin-Film Force Sensors market, with both quantitative and qualitative data, to help readers understand how the Thin-Film Force Sensors market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in M Units.

Market Segmentation:

The study segments the Thin-Film Force Sensors market and forecasts the market size by Type (Shunt Mode and Thru Mode,), by Application (Mobile Devices, Wearable Device, Automotive and Medical), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Shunt Mode

Thru Mode

Segmentation by application

Mobile Devices

Wearable Device

Automotive

Medical

Home Appliances

Others

Segmentation 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

Major companies covered

Nissha

New Degree Technology

Citizen Electronics

Memtronik

Tekscan

Butler Technologies

Hanwei Electronics Group

FSRTEK

NextInput (Qorvo)

Interlink

Ohmite

Techprint

TAIWAN ALPHA ELECTRONIC

Tangio Printed Electronics (Sytek)

Ruihu

Sensitronics

Legact

Cubbison

CERADEX

Reid Industrial Graphic Products

fpsen

Chapter Introduction

Chapter 1: Scope of Thin-Film Force Sensors, Research Methodology, etc.

Chapter 2: Executive Summary, global Thin-Film Force Sensors market size (sales and revenue) and CAGR, Thin-Film Force Sensors market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Thin-Film Force Sensors sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Thin-Film Force Sensors sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Thin-Film Force Sensors market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Nissha, New Degree Technology, Citizen Electronics, Memtronik, Tekscan, Butler Technologies, Hanwei Electronics Group, FSRTEK and NextInput (Qorvo), etc.

Chapter 14: Research Findings and Conclusion

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