

Global ERM and LRA Tactile Actuator Market Growth 2024-2030

<https://marketpublishers.com/r/GA1EFAA764CEN.html>

Date: February 2024

Pages: 106

Price: US\$ 3,660.00 (Single User License)

ID: GA1EFAA764CEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global ERM and LRA Tactile Actuator market size was valued at US\$ 4942.4 million in 2023. With growing demand in downstream market, the ERM and LRA Tactile Actuator is forecast to a readjusted size of US\$ 7937.6 million by 2030 with a CAGR of 7.0% during review period.

The research report highlights the growth potential of the global ERM and LRA Tactile Actuator market. ERM and LRA Tactile Actuator are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of ERM and LRA Tactile Actuator. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the ERM and LRA Tactile Actuator market.

The tiny vibration motors used in mobile terminals, game machines, etc. Small and high efficiency types are provided. The eccentric rotating mass (ERM) motor and linear resonant actuator (LRA) are two of the most common types of haptic feedback actuators used in the market today.

Haptics, by the definition of itself, refers to the haptic sense of the touch and is an advanced technology that adds the tactile feedback right to the electronic devices through the use of vibrations. This touch-based technology has become more and more popular in handheld, portable and touch-screen enabled to the consumer, industrial and automotive electronic devices. The vibrations produced to provide a new, deeply enhanced user experience.

Market Drivers

Growing Demand in Consumer Electronics: Haptic actuators are widely used in consumer electronic devices like smartphones, tablets, gaming controllers, wearable devices, and VR/AR headsets to provide tactile feedback and enhance user experiences.

Adoption in Automotive Industry: The automotive sector has been incorporating haptic feedback systems in infotainment systems, touchscreens, and steering wheels to improve driver interaction and reduce distractions, contributing to enhanced safety and user satisfaction.

Virtual Reality and Augmented Reality: The increasing popularity of VR and AR applications in gaming, training, and other fields has driven the demand for haptic actuators to provide realistic touch sensations and enhance immersion.

Medical and Healthcare Applications: Haptic actuators are used in medical simulators, surgical training tools, and robotic-assisted surgery systems to offer realistic tactile feedback to healthcare professionals and trainees.

Gaming and Entertainment: In the gaming industry, haptic actuators are utilized in controllers and peripherals to create immersive and responsive gaming experiences.

Adoption in Industrial Applications: Haptic actuators find applications in industrial equipment and control panels to provide tactile feedback and improve the operator's understanding of complex machinery and processes.

Touchscreen Devices and User Interfaces: Haptic actuators are integrated into touchscreens to provide users with haptic feedback, simulating physical button presses and improving touchscreen interactions.

Wearable Devices and Smartwatches: The rise in wearable technology has led to the use of haptic actuators to provide subtle notifications and alerts to users without relying solely on visual or auditory cues.

Accessibility and Inclusive Design: Haptic actuators play a vital role in creating accessible interfaces for individuals with visual impairments, enabling them to perceive and interact with digital content through touch.

Advancements in Haptic Technology: Continuous advancements in haptic technology have led to more sophisticated and efficient haptic actuators, broadening their applications and driving market growth.

Integration with Internet of Things (IoT): Haptic actuators are being integrated into IoT devices to provide tactile feedback and haptic notifications, enhancing the overall user experience.

Wearable Health and Fitness Devices: The adoption of haptic actuators in health and fitness wearables allows for real-time feedback on biometric data, encouraging users to stay active and maintain healthy habits.

Key Features:

The report on ERM and LRA Tactile Actuator market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the ERM and LRA Tactile Actuator market. It may include historical data, market segmentation by Type (e.g., Eccentric Rotating Mass (ERM) Actuators, Linear Resonant Actuators (LRAS)), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the ERM and LRA Tactile Actuator market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the ERM and LRA Tactile Actuator market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the ERM and LRA Tactile Actuator industry. This include advancements in ERM and LRA Tactile Actuator technology, ERM and LRA Tactile Actuator new entrants, ERM and LRA Tactile Actuator new investment, and other innovations that are shaping the future of ERM and LRA Tactile Actuator.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the ERM and LRA Tactile Actuator market. It includes factors influencing customer ' purchasing decisions, preferences for ERM and LRA Tactile Actuator product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the ERM and LRA Tactile Actuator market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting ERM and LRA Tactile Actuator market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the ERM and LRA Tactile Actuator market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the ERM and LRA Tactile Actuator industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the ERM and LRA Tactile Actuator market.

Market Segmentation:

ERM and LRA Tactile Actuator market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Eccentric Rotating Mass (ERM) Actuators

Linear Resonant Actuators (LRAS)

Segmentation by application

Mobile Terminal (Smartphone/Tablet)

Wearable Device

Automotive

Household Appliances

Others

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.

AAC Technologies

Nidec Corporation

Mplus

Jinlong Machinery & Electronics

Bluecom

Johnson Electric

Texas Instruments

TDK

Jahwa

PI Ceramic

Precision Microdrives

Novasentis

Key Questions Addressed in this Report

What is the 10-year outlook for the global ERM and LRA Tactile Actuator market?

What factors are driving ERM and LRA Tactile Actuator market growth, globally and by region?

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

How do ERM and LRA Tactile Actuator market opportunities vary by end market size?

How does ERM and LRA Tactile Actuator break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global ERM and LRA Tactile Actuator Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for ERM and LRA Tactile Actuator by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for ERM and LRA Tactile Actuator by Country/Region, 2019, 2023 & 2030
- 2.2 ERM and LRA Tactile Actuator Segment by Type
 - 2.2.1 Eccentric Rotating Mass (ERM) Actuators
 - 2.2.2 Linear Resonant Actuators (LRAS)
- 2.3 ERM and LRA Tactile Actuator Sales by Type
 - 2.3.1 Global ERM and LRA Tactile Actuator Sales Market Share by Type (2019-2024)
 - 2.3.2 Global ERM and LRA Tactile Actuator Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global ERM and LRA Tactile Actuator Sale Price by Type (2019-2024)
- 2.4 ERM and LRA Tactile Actuator Segment by Application
 - 2.4.1 Mobile Terminal (Smartphone/Tablet)
 - 2.4.2 Wearable Device
 - 2.4.3 Automotive
 - 2.4.4 Household Appliances
 - 2.4.5 Others
- 2.5 ERM and LRA Tactile Actuator Sales by Application
 - 2.5.1 Global ERM and LRA Tactile Actuator Sale Market Share by Application (2019-2024)
 - 2.5.2 Global ERM and LRA Tactile Actuator Revenue and Market Share by Application

(2019-2024)

2.5.3 Global ERM and LRA Tactile Actuator Sale Price by Application (2019-2024)

3 GLOBAL ERM AND LRA TACTILE ACTUATOR BY COMPANY

3.1 Global ERM and LRA Tactile Actuator Breakdown Data by Company

3.1.1 Global ERM and LRA Tactile Actuator Annual Sales by Company (2019-2024)

3.1.2 Global ERM and LRA Tactile Actuator Sales Market Share by Company
(2019-2024)

3.2 Global ERM and LRA Tactile Actuator Annual Revenue by Company (2019-2024)

3.2.1 Global ERM and LRA Tactile Actuator Revenue by Company (2019-2024)

3.2.2 Global ERM and LRA Tactile Actuator Revenue Market Share by Company
(2019-2024)

3.3 Global ERM and LRA Tactile Actuator Sale Price by Company

3.4 Key Manufacturers ERM and LRA Tactile Actuator Producing Area Distribution,
Sales Area, Product Type

3.4.1 Key Manufacturers ERM and LRA Tactile Actuator Product Location Distribution

3.4.2 Players ERM and LRA Tactile Actuator Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR ERM AND LRA TACTILE ACTUATOR BY GEOGRAPHIC REGION

4.1 World Historic ERM and LRA Tactile Actuator Market Size by Geographic Region
(2019-2024)

4.1.1 Global ERM and LRA Tactile Actuator Annual Sales by Geographic Region
(2019-2024)

4.1.2 Global ERM and LRA Tactile Actuator Annual Revenue by Geographic Region
(2019-2024)

4.2 World Historic ERM and LRA Tactile Actuator Market Size by Country/Region
(2019-2024)

4.2.1 Global ERM and LRA Tactile Actuator Annual Sales by Country/Region
(2019-2024)

4.2.2 Global ERM and LRA Tactile Actuator Annual Revenue by Country/Region
(2019-2024)

- 4.3 Americas ERM and LRA Tactile Actuator Sales Growth
- 4.4 APAC ERM and LRA Tactile Actuator Sales Growth
- 4.5 Europe ERM and LRA Tactile Actuator Sales Growth
- 4.6 Middle East & Africa ERM and LRA Tactile Actuator Sales Growth

5 AMERICAS

- 5.1 Americas ERM and LRA Tactile Actuator Sales by Country
 - 5.1.1 Americas ERM and LRA Tactile Actuator Sales by Country (2019-2024)
 - 5.1.2 Americas ERM and LRA Tactile Actuator Revenue by Country (2019-2024)
- 5.2 Americas ERM and LRA Tactile Actuator Sales by Type
- 5.3 Americas ERM and LRA Tactile Actuator Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC ERM and LRA Tactile Actuator Sales by Region
 - 6.1.1 APAC ERM and LRA Tactile Actuator Sales by Region (2019-2024)
 - 6.1.2 APAC ERM and LRA Tactile Actuator Revenue by Region (2019-2024)
- 6.2 APAC ERM and LRA Tactile Actuator Sales by Type
- 6.3 APAC ERM and LRA Tactile Actuator Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe ERM and LRA Tactile Actuator by Country
 - 7.1.1 Europe ERM and LRA Tactile Actuator Sales by Country (2019-2024)
 - 7.1.2 Europe ERM and LRA Tactile Actuator Revenue by Country (2019-2024)
- 7.2 Europe ERM and LRA Tactile Actuator Sales by Type
- 7.3 Europe ERM and LRA Tactile Actuator Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa ERM and LRA Tactile Actuator by Country

8.1.1 Middle East & Africa ERM and LRA Tactile Actuator Sales by Country
(2019-2024)

8.1.2 Middle East & Africa ERM and LRA Tactile Actuator Revenue by Country
(2019-2024)

8.2 Middle East & Africa ERM and LRA Tactile Actuator Sales by Type

8.3 Middle East & Africa ERM and LRA Tactile Actuator Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of ERM and LRA Tactile Actuator

10.3 Manufacturing Process Analysis of ERM and LRA Tactile Actuator

10.4 Industry Chain Structure of ERM and LRA Tactile Actuator

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 ERM and LRA Tactile Actuator Distributors

11.3 ERM and LRA Tactile Actuator Customer

12 WORLD FORECAST REVIEW FOR ERM AND LRA TACTILE ACTUATOR BY GEOGRAPHIC REGION

12.1 Global ERM and LRA Tactile Actuator Market Size Forecast by Region

12.1.1 Global ERM and LRA Tactile Actuator Forecast by Region (2025-2030)

12.1.2 Global ERM and LRA Tactile Actuator Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global ERM and LRA Tactile Actuator Forecast by Type

12.7 Global ERM and LRA Tactile Actuator Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 AAC Technologies

13.1.1 AAC Technologies Company Information

13.1.2 AAC Technologies ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.1.3 AAC Technologies ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 AAC Technologies Main Business Overview

13.1.5 AAC Technologies Latest Developments

13.2 Nidec Corporation

13.2.1 Nidec Corporation Company Information

13.2.2 Nidec Corporation ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.2.3 Nidec Corporation ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Nidec Corporation Main Business Overview

13.2.5 Nidec Corporation Latest Developments

13.3 Mplus

13.3.1 Mplus Company Information

13.3.2 Mplus ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.3.3 Mplus ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin

(2019-2024)

13.3.4 Mplus Main Business Overview

13.3.5 Mplus Latest Developments

13.4 Jinlong Machinery & Electronics

13.4.1 Jinlong Machinery & Electronics Company Information

13.4.2 Jinlong Machinery & Electronics ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.4.3 Jinlong Machinery & Electronics ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Jinlong Machinery & Electronics Main Business Overview

13.4.5 Jinlong Machinery & Electronics Latest Developments

13.5 Bluecom

13.5.1 Bluecom Company Information

13.5.2 Bluecom ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.5.3 Bluecom ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Bluecom Main Business Overview

13.5.5 Bluecom Latest Developments

13.6 Johnson Electric

13.6.1 Johnson Electric Company Information

13.6.2 Johnson Electric ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.6.3 Johnson Electric ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Johnson Electric Main Business Overview

13.6.5 Johnson Electric Latest Developments

13.7 Texas Instruments

13.7.1 Texas Instruments Company Information

13.7.2 Texas Instruments ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.7.3 Texas Instruments ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Texas Instruments Main Business Overview

13.7.5 Texas Instruments Latest Developments

13.8 TDK

13.8.1 TDK Company Information

13.8.2 TDK ERM and LRA Tactile Actuator Product Portfolios and Specifications

13.8.3 TDK ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.8.4 TDK Main Business Overview
- 13.8.5 TDK Latest Developments
- 13.9 Jahwa
 - 13.9.1 Jahwa Company Information
 - 13.9.2 Jahwa ERM and LRA Tactile Actuator Product Portfolios and Specifications
 - 13.9.3 Jahwa ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.9.4 Jahwa Main Business Overview
 - 13.9.5 Jahwa Latest Developments
- 13.10 PI Ceramic
 - 13.10.1 PI Ceramic Company Information
 - 13.10.2 PI Ceramic ERM and LRA Tactile Actuator Product Portfolios and Specifications
 - 13.10.3 PI Ceramic ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.10.4 PI Ceramic Main Business Overview
 - 13.10.5 PI Ceramic Latest Developments
- 13.11 Precision Microdrives
 - 13.11.1 Precision Microdrives Company Information
 - 13.11.2 Precision Microdrives ERM and LRA Tactile Actuator Product Portfolios and Specifications
 - 13.11.3 Precision Microdrives ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.11.4 Precision Microdrives Main Business Overview
 - 13.11.5 Precision Microdrives Latest Developments
- 13.12 Novasentis
 - 13.12.1 Novasentis Company Information
 - 13.12.2 Novasentis ERM and LRA Tactile Actuator Product Portfolios and Specifications
 - 13.12.3 Novasentis ERM and LRA Tactile Actuator Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.12.4 Novasentis Main Business Overview
 - 13.12.5 Novasentis Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. ERM and LRA Tactile Actuator Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. ERM and LRA Tactile Actuator Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Eccentric Rotating Mass (ERM) Actuators

Table 4. Major Players of Linear Resonant Actuators (LRAS)

Table 5. Global ERM and LRA Tactile Actuator Sales by Type (2019-2024) & (K Units)

Table 6. Global ERM and LRA Tactile Actuator Sales Market Share by Type (2019-2024)

Table 7. Global ERM and LRA Tactile Actuator Revenue by Type (2019-2024) & (\$ million)

Table 8. Global ERM and LRA Tactile Actuator Revenue Market Share by Type (2019-2024)

Table 9. Global ERM and LRA Tactile Actuator Sale Price by Type (2019-2024) & (USD/Unit)

Table 10. Global ERM and LRA Tactile Actuator Sales by Application (2019-2024) & (K Units)

Table 11. Global ERM and LRA Tactile Actuator Sales Market Share by Application (2019-2024)

Table 12. Global ERM and LRA Tactile Actuator Revenue by Application (2019-2024)

Table 13. Global ERM and LRA Tactile Actuator Revenue Market Share by Application (2019-2024)

Table 14. Global ERM and LRA Tactile Actuator Sale Price by Application (2019-2024) & (USD/Unit)

Table 15. Global ERM and LRA Tactile Actuator Sales by Company (2019-2024) & (K Units)

Table 16. Global ERM and LRA Tactile Actuator Sales Market Share by Company (2019-2024)

Table 17. Global ERM and LRA Tactile Actuator Revenue by Company (2019-2024) (\$ Millions)

Table 18. Global ERM and LRA Tactile Actuator Revenue Market Share by Company (2019-2024)

Table 19. Global ERM and LRA Tactile Actuator Sale Price by Company (2019-2024) & (USD/Unit)

Table 20. Key Manufacturers ERM and LRA Tactile Actuator Producing Area

Distribution and Sales Area

Table 21. Players ERM and LRA Tactile Actuator Products Offered

Table 22. ERM and LRA Tactile Actuator Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global ERM and LRA Tactile Actuator Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global ERM and LRA Tactile Actuator Sales Market Share Geographic Region (2019-2024)

Table 27. Global ERM and LRA Tactile Actuator Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global ERM and LRA Tactile Actuator Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global ERM and LRA Tactile Actuator Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global ERM and LRA Tactile Actuator Sales Market Share by Country/Region (2019-2024)

Table 31. Global ERM and LRA Tactile Actuator Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global ERM and LRA Tactile Actuator Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas ERM and LRA Tactile Actuator Sales by Country (2019-2024) & (K Units)

Table 34. Americas ERM and LRA Tactile Actuator Sales Market Share by Country (2019-2024)

Table 35. Americas ERM and LRA Tactile Actuator Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas ERM and LRA Tactile Actuator Revenue Market Share by Country (2019-2024)

Table 37. Americas ERM and LRA Tactile Actuator Sales by Type (2019-2024) & (K Units)

Table 38. Americas ERM and LRA Tactile Actuator Sales by Application (2019-2024) & (K Units)

Table 39. APAC ERM and LRA Tactile Actuator Sales by Region (2019-2024) & (K Units)

Table 40. APAC ERM and LRA Tactile Actuator Sales Market Share by Region (2019-2024)

Table 41. APAC ERM and LRA Tactile Actuator Revenue by Region (2019-2024) & (\$

Millions)

Table 42. APAC ERM and LRA Tactile Actuator Revenue Market Share by Region (2019-2024)

Table 43. APAC ERM and LRA Tactile Actuator Sales by Type (2019-2024) & (K Units)

Table 44. APAC ERM and LRA Tactile Actuator Sales by Application (2019-2024) & (K Units)

Table 45. Europe ERM and LRA Tactile Actuator Sales by Country (2019-2024) & (K Units)

Table 46. Europe ERM and LRA Tactile Actuator Sales Market Share by Country (2019-2024)

Table 47. Europe ERM and LRA Tactile Actuator Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe ERM and LRA Tactile Actuator Revenue Market Share by Country (2019-2024)

Table 49. Europe ERM and LRA Tactile Actuator Sales by Type (2019-2024) & (K Units)

Table 50. Europe ERM and LRA Tactile Actuator Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa ERM and LRA Tactile Actuator Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa ERM and LRA Tactile Actuator Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa ERM and LRA Tactile Actuator Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa ERM and LRA Tactile Actuator Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa ERM and LRA Tactile Actuator Sales by Type (2019-2024) & (K Units)

Table 56. Middle East & Africa ERM and LRA Tactile Actuator Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of ERM and LRA Tactile Actuator

Table 58. Key Market Challenges & Risks of ERM and LRA Tactile Actuator

Table 59. Key Industry Trends of ERM and LRA Tactile Actuator

Table 60. ERM and LRA Tactile Actuator Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. ERM and LRA Tactile Actuator Distributors List

Table 63. ERM and LRA Tactile Actuator Customer List

Table 64. Global ERM and LRA Tactile Actuator Sales Forecast by Region (2025-2030) & (K Units)

- Table 65. Global ERM and LRA Tactile Actuator Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 66. Americas ERM and LRA Tactile Actuator Sales Forecast by Country (2025-2030) & (K Units)
- Table 67. Americas ERM and LRA Tactile Actuator Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 68. APAC ERM and LRA Tactile Actuator Sales Forecast by Region (2025-2030) & (K Units)
- Table 69. APAC ERM and LRA Tactile Actuator Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 70. Europe ERM and LRA Tactile Actuator Sales Forecast by Country (2025-2030) & (K Units)
- Table 71. Europe ERM and LRA Tactile Actuator Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 72. Middle East & Africa ERM and LRA Tactile Actuator Sales Forecast by Country (2025-2030) & (K Units)
- Table 73. Middle East & Africa ERM and LRA Tactile Actuator Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 74. Global ERM and LRA Tactile Actuator Sales Forecast by Type (2025-2030) & (K Units)
- Table 75. Global ERM and LRA Tactile Actuator Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 76. Global ERM and LRA Tactile Actuator Sales Forecast by Application (2025-2030) & (K Units)
- Table 77. Global ERM and LRA Tactile Actuator Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 78. AAC Technologies Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors
- Table 79. AAC Technologies ERM and LRA Tactile Actuator Product Portfolios and Specifications
- Table 80. AAC Technologies ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 81. AAC Technologies Main Business
- Table 82. AAC Technologies Latest Developments
- Table 83. Nidec Corporation Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors
- Table 84. Nidec Corporation ERM and LRA Tactile Actuator Product Portfolios and Specifications
- Table 85. Nidec Corporation ERM and LRA Tactile Actuator Sales (K Units), Revenue

(\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 86. Nidec Corporation Main Business

Table 87. Nidec Corporation Latest Developments

Table 88. Mplus Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 89. Mplus ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 90. Mplus ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 91. Mplus Main Business

Table 92. Mplus Latest Developments

Table 93. Jinlong Machinery & Electronics Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 94. Jinlong Machinery & Electronics ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 95. Jinlong Machinery & Electronics ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 96. Jinlong Machinery & Electronics Main Business

Table 97. Jinlong Machinery & Electronics Latest Developments

Table 98. Bluecom Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 99. Bluecom ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 100. Bluecom ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 101. Bluecom Main Business

Table 102. Bluecom Latest Developments

Table 103. Johnson Electric Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 104. Johnson Electric ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 105. Johnson Electric ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 106. Johnson Electric Main Business

Table 107. Johnson Electric Latest Developments

Table 108. Texas Instruments Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 109. Texas Instruments ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 110. Texas Instruments ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 111. Texas Instruments Main Business

Table 112. Texas Instruments Latest Developments

Table 113. TDK Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 114. TDK ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 115. TDK ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 116. TDK Main Business

Table 117. TDK Latest Developments

Table 118. Jahwa Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 119. Jahwa ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 120. Jahwa ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 121. Jahwa Main Business

Table 122. Jahwa Latest Developments

Table 123. PI Ceramic Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 124. PI Ceramic ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 125. PI Ceramic ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 126. PI Ceramic Main Business

Table 127. PI Ceramic Latest Developments

Table 128. Precision Microdrives Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 129. Precision Microdrives ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 130. Precision Microdrives ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 131. Precision Microdrives Main Business

Table 132. Precision Microdrives Latest Developments

Table 133. Novasentis Basic Information, ERM and LRA Tactile Actuator Manufacturing Base, Sales Area and Its Competitors

Table 134. Novasentis ERM and LRA Tactile Actuator Product Portfolios and Specifications

Table 135. Novasentis ERM and LRA Tactile Actuator Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 136. Novasentis Main Business

Table 137. Novasentis Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of ERM and LRA Tactile Actuator
- Figure 2. ERM and LRA Tactile Actuator Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global ERM and LRA Tactile Actuator Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global ERM and LRA Tactile Actuator Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. ERM and LRA Tactile Actuator Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Eccentric Rotating Mass (ERM) Actuators
- Figure 10. Product Picture of Linear Resonant Actuators (LRAS)
- Figure 11. Global ERM and LRA Tactile Actuator Sales Market Share by Type in 2023
- Figure 12. Global ERM and LRA Tactile Actuator Revenue Market Share by Type (2019-2024)
- Figure 13. ERM and LRA Tactile Actuator Consumed in Mobile Terminal (Smartphone/Tablet)
- Figure 14. Global ERM and LRA Tactile Actuator Market: Mobile Terminal (Smartphone/Tablet) (2019-2024) & (K Units)
- Figure 15. ERM and LRA Tactile Actuator Consumed in Wearable Device
- Figure 16. Global ERM and LRA Tactile Actuator Market: Wearable Device (2019-2024) & (K Units)
- Figure 17. ERM and LRA Tactile Actuator Consumed in Automotive
- Figure 18. Global ERM and LRA Tactile Actuator Market: Automotive (2019-2024) & (K Units)
- Figure 19. ERM and LRA Tactile Actuator Consumed in Household Appliances
- Figure 20. Global ERM and LRA Tactile Actuator Market: Household Appliances (2019-2024) & (K Units)
- Figure 21. ERM and LRA Tactile Actuator Consumed in Others
- Figure 22. Global ERM and LRA Tactile Actuator Market: Others (2019-2024) & (K Units)
- Figure 23. Global ERM and LRA Tactile Actuator Sales Market Share by Application (2023)
- Figure 24. Global ERM and LRA Tactile Actuator Revenue Market Share by Application in 2023

Figure 25. ERM and LRA Tactile Actuator Sales Market by Company in 2023 (K Units)

Figure 26. Global ERM and LRA Tactile Actuator Sales Market Share by Company in 2023

Figure 27. ERM and LRA Tactile Actuator Revenue Market by Company in 2023 (\$ Million)

Figure 28. Global ERM and LRA Tactile Actuator Revenue Market Share by Company in 2023

Figure 29. Global ERM and LRA Tactile Actuator Sales Market Share by Geographic Region (2019-2024)

Figure 30. Global ERM and LRA Tactile Actuator Revenue Market Share by Geographic Region in 2023

Figure 31. Americas ERM and LRA Tactile Actuator Sales 2019-2024 (K Units)

Figure 32. Americas ERM and LRA Tactile Actuator Revenue 2019-2024 (\$ Millions)

Figure 33. APAC ERM and LRA Tactile Actuator Sales 2019-2024 (K Units)

Figure 34. APAC ERM and LRA Tactile Actuator Revenue 2019-2024 (\$ Millions)

Figure 35. Europe ERM and LRA Tactile Actuator Sales 2019-2024 (K Units)

Figure 36. Europe ERM and LRA Tactile Actuator Revenue 2019-2024 (\$ Millions)

Figure 37. Middle East & Africa ERM and LRA Tactile Actuator Sales 2019-2024 (K Units)

Figure 38. Middle East & Africa ERM and LRA Tactile Actuator Revenue 2019-2024 (\$ Millions)

Figure 39. Americas ERM and LRA Tactile Actuator Sales Market Share by Country in 2023

Figure 40. Americas ERM and LRA Tactile Actuator Revenue Market Share by Country in 2023

Figure 41. Americas ERM and LRA Tactile Actuator Sales Market Share by Type (2019-2024)

Figure 42. Americas ERM and LRA Tactile Actuator Sales Market Share by Application (2019-2024)

Figure 43. United States ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 44. Canada ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 45. Mexico ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Brazil ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 47. APAC ERM and LRA Tactile Actuator Sales Market Share by Region in 2023

Figure 48. APAC ERM and LRA Tactile Actuator Revenue Market Share by Regions in

2023

Figure 49. APAC ERM and LRA Tactile Actuator Sales Market Share by Type (2019-2024)

Figure 50. APAC ERM and LRA Tactile Actuator Sales Market Share by Application (2019-2024)

Figure 51. China ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 52. Japan ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 53. South Korea ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Southeast Asia ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 55. India ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Australia ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 57. China Taiwan ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Europe ERM and LRA Tactile Actuator Sales Market Share by Country in 2023

Figure 59. Europe ERM and LRA Tactile Actuator Revenue Market Share by Country in 2023

Figure 60. Europe ERM and LRA Tactile Actuator Sales Market Share by Type (2019-2024)

Figure 61. Europe ERM and LRA Tactile Actuator Sales Market Share by Application (2019-2024)

Figure 62. Germany ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 63. France ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 64. UK ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 65. Italy ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Russia ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Middle East & Africa ERM and LRA Tactile Actuator Sales Market Share by Country in 2023

Figure 68. Middle East & Africa ERM and LRA Tactile Actuator Revenue Market Share by Country in 2023

Figure 69. Middle East & Africa ERM and LRA Tactile Actuator Sales Market Share by

Type (2019-2024)

Figure 70. Middle East & Africa ERM and LRA Tactile Actuator Sales Market Share by Application (2019-2024)

Figure 71. Egypt ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 72. South Africa ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Israel ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Turkey ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 75. GCC Country ERM and LRA Tactile Actuator Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of ERM and LRA Tactile Actuator in 2023

Figure 77. Manufacturing Process Analysis of ERM and LRA Tactile Actuator

Figure 78. Industry Chain Structure of ERM and LRA Tactile Actuator

Figure 79. Channels of Distribution

Figure 80. Global ERM and LRA Tactile Actuator Sales Market Forecast by Region (2025-2030)

Figure 81. Global ERM and LRA Tactile Actuator Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global ERM and LRA Tactile Actuator Sales Market Share Forecast by Type (2025-2030)

Figure 83. Global ERM and LRA Tactile Actuator Revenue Market Share Forecast by Type (2025-2030)

Figure 84. Global ERM and LRA Tactile Actuator Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global ERM and LRA Tactile Actuator Revenue Market Share Forecast by Application (2025-2030)

I would like to order

Product name: Global ERM and LRA Tactile Actuator Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GA1EFAA764CEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA1EFAA764CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970