

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Electrostatic Chucks (ESCs) Market 2018, Forecast to 2023

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Abstracts

The Electrostatic Chucks (ESC) is a tool that clamps an object with the force generated between the electrode and the object by applying a voltage to the electrode. There are two different types of electrostatic clamping methods. One is Coulomb force type that utilizes an insulator as a dielectric material, and the other is Johnson-Rahbek force type that utilizes an attractive force induced by dielectric polarization caused by minute electric current flow across the boundary between an object and a dielectric material. ESCs which are widely used for wafer processing (etching, CVD, PVD, Ashing), FPD Process etc.

SCOPE OF THE REPORT:

This report focuses on the Electrostatic Chucks (ESCs) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Currently, the Electrostatic Chucks (ESCs) industry is dominated by Japan and USA companies. Especially, Japan companies master the mature technology. Many countries and Region need import from Japan. Such as China, Southeast Asia etc. SHINKO, TOTO and Creative Technology Corporation the top three production value share spots in the Electrostatic Chucks (ESCs) market in 2017. SHINKO dominated with 43.83% production value, followed by TOTO with 17.09% production value share and Creative Technology Corporation with 8.87% production value share. Semiconductor manufacturing equipment industry has a greater impact on the demand for electrostatic chuck. With the huge investment in the semiconductor industry, we are optimistic about the future of the electrostatic chuck industry.

The worldwide market for Electrostatic Chucks (ESCs) is expected to grow at a CAGR of roughly 5.6% over the next five years, will reach 290 million US\$ in 2023, from 210 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

SHINKO

TOTO

Creative Technology Corporation

Kyocera

FM Industries

NTK CERATEC

Tsukuba Seiko

Applied Materials

II-VI M Cubed

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Colulomb Type Electrostatic Chukcs

Johnsen-Rahbek(JR) Type Electrostatic Chucks

Market Segment by Applications, can be divided into

Semiconductor (LCD/CVD)

Wireless Communications

Electronics

Medical

Others

There are 15 Chapters to deeply display the global Electrostatic Chucks (ESCs) market.

Chapter 1, to describe Electrostatic Chucks (ESCs) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Electrostatic Chucks (ESCs), with sales, revenue, and price of Electrostatic Chucks (ESCs), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Electrostatic Chucks (ESCs), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Electrostatic Chucks (ESCs) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Electrostatic Chucks (ESCs) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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