

Global Silicon Carbide Substrate Equipment Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Silicon Carbide Substrate Equipment market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

New energy vehicles are the major growth driver for the silicon carbide power device market. Benefiting from the outbreak of new energy vehicles, the golden age of SiC industrialization is coming. At present, major car companies have already deployed in the silicon carbide field, and cost is the key factor that determines when SiC will be used in large quantities in new energy vehicles.

SiC substrate equipment mainly includes: crystal growth furnace, slicer, grinder, polisher, cleaning equipment, etc. It has similarities with traditional crystal silicon equipment, but the process is more difficult, and the cooperative research and development of equipment + process is the key.

This report studies the global Silicon Carbide Substrate Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbide Substrate Equipment, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Carbide Substrate Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Carbide Substrate Equipment total production and demand, 2018-2029, (K Units)

Global Silicon Carbide Substrate Equipment total production value, 2018-2029, (USD Million)

Global Silicon Carbide Substrate Equipment production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Silicon Carbide Substrate Equipment consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Silicon Carbide Substrate Equipment domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbide Substrate Equipment production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Silicon Carbide Substrate Equipment production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Silicon Carbide Substrate Equipment production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Silicon Carbide Substrate Equipment market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Wolfspeed, Aymont, Aixtron, LHT, Dainihon Jochugiku, MeryerBurger, NTC, NACHI and NTS, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Carbide Substrate Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Silicon Carbide Substrate Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Silicon Carbide Substrate Equipment Market, Segmentation by Type

Crystal Growth Furnace

Slicer

Grinder

Polisher

Cleaning Equipment

Others

Global Silicon Carbide Substrate Equipment Market, Segmentation by Application

PV

Wind Power

Automobile

Rail Transit

Others

Companies Profiled:

Wolfspeed

Aymont

Aixtron

LHT

Dainihon Jochugiku

MeryerBurger

NTC

NACHI

NTS

CETC

SICC

TanKeBlue Semiconductor

Shanghai Institute of Ceramics

Hunan Yujing

Suzhou HRT

Key Questions Answered

1. How big is the global Silicon Carbide Substrate Equipment market?
2. What is the demand of the global Silicon Carbide Substrate Equipment market?
3. What is the year over year growth of the global Silicon Carbide Substrate Equipment market?
4. What is the production and production value of the global Silicon Carbide Substrate Equipment market?
5. Who are the key producers in the global Silicon Carbide Substrate Equipment market?
6. What are the growth factors driving the market demand?

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