

Global Semiconductor Test Handler Supply, Demand and Key Producers, 2023-2029

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Abstracts

Test Handler in Semiconductors are primarily used to for sorting, testing and transferring chips with the simple electrical interface diagram: ATE ? ITA ? DUT (package) ? Handler. And these machines are capable of processing thousands of chips in an hour. Normally, packaged parts use a handler to place the device on a customized interface board, then IC chip handler transfers finished chips to the inspection equipment for final visual and electrical performance test and then sort the chips into good, bad or other bins based on test results. Note: ATE: Automatic Test Equipment; ITA: Interface Test Adapter; DUT: Device Under Test.

This report studies the global Semiconductor Test Handler production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Semiconductor Test Handler, 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 Semiconductor Test Handler that contribute to its increasing demand across many markets.

The global Semiconductor Test Handler market size is expected to reach \$ 4026.6 million by 2029, rising at a market growth of 11.9% CAGR during the forecast period (2023-2029).

Major semiconductor test handler players in the world include Cohu, Inc. (Xcerra), Advantest, Changchuan Technology, Hon Precision and Techwing, etc. The top five players in the world by revenue account for almost 57 per cent. Asia-pacific is the world's largest market with a market share of about 74 percent, followed by North

America and Europe with about 13 percent and 5 percent, respectively. In terms of product type, pick-and-place handlers are the largest segment with a 48% share, and in terms of applications, OSATs has the largest share with about 68%.

Highlights and key features of the study

Global Semiconductor Test Handler total production and demand, 2018-2029, (Units)

Global Semiconductor Test Handler total production value, 2018-2029, (USD Million)

Global Semiconductor Test Handler production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Semiconductor Test Handler consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Semiconductor Test Handler domestic production, consumption, key domestic manufacturers and share

Global Semiconductor Test Handler production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Semiconductor Test Handler production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Semiconductor Test Handler production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Semiconductor Test Handler 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 Cohu, Inc. (Xcerra), Advantest, Changchuan Technology, Hon Precision, Techwing, ASM Pacific Technology, Kanematsu (Epson), EXIS TECH and MCT, 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 Semiconductor Test Handler market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (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 Semiconductor Test Handler Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Semiconductor Test Handler Market, Segmentation by Type

Gravity Handlers

Turret Handlers

Pick-and-Place Handlers

Global Semiconductor Test Handler Market, Segmentation by Application

IDMs

OSATs

Companies Profiled:

Cohu, Inc. (Xcerra)

Advantest

Changchuan Technology

Hon Precision

Techwing

ASM Pacific Technology

Kanematsu (Epson)

EXIS TECH

MCT

Boston Semi Equipment

Shenkeda Semiconductor

Chroma ATE

SRM Integration

Tianjin JHT Design

TESEC Corporation

Shanghai Yingshuo

Ueno Seiki

SYNAX

YoungTek Electronics Corp (YTEC)

Shanghai Cascol

Innogrity Pte Ltd

ATECO

Fuzhou Palide

Shenzhen Biaopu Semiconductor

Key Questions Answered

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

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