

# Global Micro Drilling Machines Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Micro Drilling Machines market size was valued at US\$ 1422 million in 2025 and is forecast to a readjusted size of US\$ 1943 million by 2032 with a CAGR of 5.0% during review period.

Micro drilling machines are precision tools used for drilling very small holes, typically in the range of 0.1 mm to 1.0 mm in diameter. These machines are designed to perform high-precision drilling on delicate and miniature components, where accuracy, minimal material waste, and fine details are critical. Micro drilling is often used in industries such as electronics, medical devices, aerospace, automotive, and manufacturing of small mechanical parts. In 2025, global Micro Drilling Machines production reached approximately 3894 units, with an average global market price of around US\$355 k used per unit. The production capacity for Micro Drilling Machines in 2025 was approximately 4000 units. The typical gross profit margin for Micro Drilling Machines is between 20% and 40%.

The Micro Drilling Machines market is driven by the increasing demand for high-precision manufacturing in electronics, semiconductors, PCB fabrication, medical devices, and advanced industrial components. Micro drilling machines are used to produce extremely small and high-aspect-ratio holes, typically in the micron range, with high positional accuracy and repeatability. Market growth is supported by trends such as miniaturization of electronic devices, higher-density PCBs and IC substrates, and the expansion of applications in medical and aerospace industries. Asia-Pacific dominates the market due to its strong electronics and semiconductor manufacturing base, while key technological trends focus on higher spindle speeds, laser-assisted drilling, automation, and integration with advanced motion control systems.

This report is a detailed and comprehensive analysis for global Micro Drilling Machines market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Micro Drilling Machines market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Micro Drilling Machines market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Micro Drilling Machines market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Micro Drilling Machines market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Micro Drilling Machines
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Micro Drilling Machines market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsubishi Electric, ESI (MKS Instruments), Via Mechanics, Han's Laser, Trumpf, EO Technics, Orbotech (KLA), Sumitomo Heavy Industries, Tongtai, FitTech, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

## **Market Segmentation**

Micro Drilling Machines market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

CO2 PCB Laser Drilling Machine

UV PCB Laser Drilling Machine

Others

### Market segment by Laser Working Mode

CW Laser

Pulsed Laser

Others

### Market segment by Machining Hole Type

Blind Via

Microvia

Others

### Market segment by Application

Consumer Electronics

Communications

Automotive Electronics

Computers & Servers

Others

#### Major players covered

Mitsubishi Electric

ESI (MKS Instruments)

Via Mechanics

Han's Laser

Trumpf

EO Technics

Orbotech (KLA)

Sumitomo Heavy Industries

Tongtai

FitTech

LPKF

HGTECH

Schmoll Maschinen

InnoLas Solutions (Photonics Systems)

## Suzhou Delphi Laser

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

### **The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Micro Drilling Machines product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Micro Drilling Machines, with price, sales quantity, revenue, and global market share of Micro Drilling Machines from 2021 to 2026.

Chapter 3, the Micro Drilling Machines competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Micro Drilling Machines breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Micro Drilling Machines market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Micro Drilling Machines.

Chapter 14 and 15, to describe Micro Drilling Machines sales channel, distributors, customers, research findings and conclusion.

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