

# Global High-accuracy Thermo-compression (TC) Bonder Market Growth 2026-2032

<https://marketpublishers.com/r/G83B9F5A12F7EN.html>

Date: March 2026

Pages: 100

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

ID: G83B9F5A12F7EN

## Abstracts

The global High-accuracy Thermo-compression (TC) Bonder market size is predicted to grow from US\$ 153 million in 2025 to US\$ 771 million in 2032; it is expected to grow at a CAGR of 26.6% from 2026 to 2032.

As IC features and functionality increase, driving higher I/Os, the flip-chip trend is moving towards sub-100 μm pitch, requiring higher precision flip-chip bonding and alternative interconnect solutions. Thermal Compression Bonding (TCB) solutions are designed with performance and precision in mind, delivering higher precision and finer pitch bonding with market leading throughput. TC Bonder is a device that attaches semiconductor chips to substrates by thermal pressing, and is essential for TSV (Through Silicon Via) 3D semiconductor advanced packaging.

The market for high-accuracy TC bonders is driven by the increasing demand for advanced semiconductor packaging solutions. As semiconductor devices become smaller and more complex, there is a need for bonding equipment that can deliver high levels of accuracy and reliability to ensure proper functioning of the devices. High-accuracy TC bonders play a crucial role in enabling the production of advanced semiconductor packages with improved performance and reliability.

LP Information, Inc. (LPI) 's newest research report, the "High-accuracy Thermo-compression (TC) Bonder Industry Forecast" looks at past sales and reviews total world High-accuracy Thermo-compression (TC) Bonder sales in 2025, providing a comprehensive analysis by region and market sector of projected High-accuracy Thermo-compression (TC) Bonder sales for 2026 through 2032. With High-accuracy Thermo-compression (TC) Bonder sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High-

accuracy Thermo-compression (TC) Bonder industry.

This Insight Report provides a comprehensive analysis of the global High-accuracy Thermo-compression (TC) Bonder landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High-accuracy Thermo-compression (TC) Bonder portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High-accuracy Thermo-compression (TC) Bonder market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High-accuracy Thermo-compression (TC) Bonder and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High-accuracy Thermo-compression (TC) Bonder.

This report presents a comprehensive overview, market shares, and growth opportunities of High-accuracy Thermo-compression (TC) Bonder market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Fully Automatic

Semi-automatic

### **Segmentation by Application:**

Ultrasonic

Flux

NCP

NCF

TSV

Cu Pillars

**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 analysing the company's coverage, product portfolio, its market penetration.

ASMPT (AMICRA)

Besi

Shibaura

Hanmi

SHIBUYA CORPORATION

TORAY ENGINEERING

Kulicke and Soffa Industries

Phloptics

Smart Equipment Technology(SET)

**Key Questions Addressed in this Report**

What is the 10-year outlook for the global High-accuracy Thermo-compression (TC) Bonder market?

What factors are driving High-accuracy Thermo-compression (TC) Bonder market growth, globally and by region?

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

How do High-accuracy Thermo-compression (TC) Bonder market opportunities vary by end market size?

How does High-accuracy Thermo-compression (TC) Bonder break out by Type, by Application?

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

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