

# Global CFD-Based Thermal Simulation Software Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global CFD-Based Thermal Simulation Software market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The CFD-based thermal simulation software utilizes the numerical solution method of computational fluid dynamics to simulate and predict fluid and heat conduction phenomena with complex geometric shapes by discretizing and solving continuous fluid dynamics equations. It has strong computing power and a wide range of application fields.

The CFD-based thermal simulation software is a simulation software that simulates and analyzes fluid mechanics and heat transfer by applying numerical methods.

This report studies the global CFD-Based Thermal Simulation Software demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for CFD-Based Thermal Simulation Software, 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 CFD-Based Thermal Simulation Software that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global CFD-Based Thermal Simulation Software total market, 2018-2029, (USD Million)

Global CFD-Based Thermal Simulation Software total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: CFD-Based Thermal Simulation Software total market, key domestic companies and share, (USD Million)

Global CFD-Based Thermal Simulation Software revenue by player and market share 2018-2023, (USD Million)

Global CFD-Based Thermal Simulation Software total market by Type, CAGR, 2018-2029, (USD Million)

Global CFD-Based Thermal Simulation Software total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global CFD-Based Thermal Simulation Software market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mentor, Future Facilities, Degree Control, ANSYS, MSC Software, Dassault Syst?mes S.A., Altair, Siemens and Autodesk, 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 CFD-Based Thermal Simulation Software market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, 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 CFD-Based Thermal Simulation Software Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global CFD-Based Thermal Simulation Software Market, Segmentation by Type

FloTHERM

FloVENT

FloEFD

#### Global CFD-Based Thermal Simulation Software Market, Segmentation by Application

Chemical Industry

Material

Electronics

Energy

Automotive

Aerospace

Others

## Companies Profiled:

Mentor

Future Facilities

Degree Control

ANSYS

MSC Software

Dassault Systèmes S.A.

Altair

Siemens

Autodesk

FLOMERICS

COFAN USA

T-global Technology

SCConsultants

SimScale GmbH

Transsolar KlimaEngineering

## Key Questions Answered

1. How big is the global CFD-Based Thermal Simulation Software market?

*Global CFD-Based Thermal Simulation Software Supply, Demand and Key Producers, 2023-2029*

2. What is the demand of the global CFD-Based Thermal Simulation Software market?
3. What is the year over year growth of the global CFD-Based Thermal Simulation Software market?
4. What is the total value of the global CFD-Based Thermal Simulation Software market?
5. Who are the major players in the global CFD-Based Thermal Simulation Software market?
6. What are the growth factors driving the market demand?

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