

# Global Blood Flow Simulation Software Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GB6D0A0BAECBEN.html>

Date: December 2025

Pages: 124

Price: US\$ 4,480.00 (Single User License)

ID: GB6D0A0BAECBEN

## Abstracts

The global Blood Flow Simulation Software market size is expected to reach \$ 1722 million by 2032, rising at a market growth of 10.9% CAGR during the forecast period (2026-2032).

Blood Flow Simulation Software uses computational fluid dynamics (CFD), hemodynamics modeling, and sometimes patient-specific medical imaging data to model and analyze how blood flows through vessels, the heart, and implanted medical devices. Medical imaging systems and anatomical data suppliers provide patient or model geometries to simulation software developers, who integrate CFD and hemodynamic modeling tools that are then used by medical device companies, hospitals, and research institutions for design, diagnosis, and treatment planning. This report studies the global Blood Flow Simulation Software demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Blood Flow Simulation Software, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Blood Flow Simulation Software that contribute to its increasing demand across many markets.

### Highlights and key features of the study

Global Blood Flow Simulation Software total market, 2021-2032, (USD Million)

Global Blood Flow Simulation Software total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Blood Flow Simulation Software total market, key domestic companies, and share, (USD Million)

Global Blood Flow Simulation Software revenue by player, revenue and market share 2021-2026, (USD Million)

Global Blood Flow Simulation Software total market by Type, CAGR, 2021-2032, (USD

Million)

Global Blood Flow Simulation Software total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Blood Flow 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 ANSYS Fluent, COMSOL Multiphysics, SimVascular, OpenFOAM, Abaqus FSI, FlowVision, Star-CCM+ (Siemens), CFD-ACE+, SOFA Framework, Gerris Flow Solver, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Blood Flow 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Blood Flow Simulation Software Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Blood Flow Simulation Software Market, Segmentation by Type:

Whole-Body Circulation

Organ-Level (e.g., Heart, Brain)

Microvascular / Cellular

Global Blood Flow Simulation Software Market, Segmentation by Dimensionality of the Model:

0D (Lumped-Parameter) Models

1D Models (Network / Pulse-Wave)

3D Models (Full CFD)

Multiscale Models (0D + 1D + 3D Coupled)

Global Blood Flow Simulation Software Market, Segmentation by Application:

Clinical Research

Medical Device Design

Surgical Planning

Others

**Companies Profiled:**

ANSYS Fluent

COMSOL Multiphysics

SimVascular

OpenFOAM

Abaqus FSI

FlowVision

Star-CCM+ (Siemens)

CFD-ACE+

SOFA Framework

Gerris Flow Solver

Palabos

Kratos Multiphysics

FEBio + FEBio Fluid

MITK Flow

### Key Questions Answered

1. How big is the global Blood Flow Simulation Software market?
2. What is the demand of the global Blood Flow Simulation Software market?
3. What is the year over year growth of the global Blood Flow Simulation Software market?
4. What is the total value of the global Blood Flow Simulation Software market?
5. Who are the Major Players in the global Blood Flow Simulation Software market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Blood Flow Simulation Software Introduction
- 1.2 World Blood Flow Simulation Software Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Blood Flow Simulation Software Total Market by Region (by Headquarter Location)
  - 1.3.1 World Blood Flow Simulation Software Market Size by Region (2021-2032), (by Headquarter Location)
  - 1.3.2 United States Based Company Blood Flow Simulation Software Revenue (2021-2032)
  - 1.3.3 China Based Company Blood Flow Simulation Software Revenue (2021-2032)
  - 1.3.4 Europe Based Company Blood Flow Simulation Software Revenue (2021-2032)
  - 1.3.5 Japan Based Company Blood Flow Simulation Software Revenue (2021-2032)
  - 1.3.6 South Korea Based Company Blood Flow Simulation Software Revenue (2021-2032)
  - 1.3.7 ASEAN Based Company Blood Flow Simulation Software Revenue (2021-2032)
  - 1.3.8 India Based Company Blood Flow Simulation Software Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Blood Flow Simulation Software Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Blood Flow Simulation Software Consumption Value (2021-2032)
- 2.2 World Blood Flow Simulation Software Consumption Value by Region
  - 2.2.1 World Blood Flow Simulation Software Consumption Value by Region (2021-2026)
  - 2.2.2 World Blood Flow Simulation Software Consumption Value Forecast by Region (2027-2032)
- 2.3 United States Blood Flow Simulation Software Consumption Value (2021-2032)
- 2.4 China Blood Flow Simulation Software Consumption Value (2021-2032)
- 2.5 Europe Blood Flow Simulation Software Consumption Value (2021-2032)
- 2.6 Japan Blood Flow Simulation Software Consumption Value (2021-2032)
- 2.7 South Korea Blood Flow Simulation Software Consumption Value (2021-2032)
- 2.8 ASEAN Blood Flow Simulation Software Consumption Value (2021-2032)

## 2.9 India Blood Flow Simulation Software Consumption Value (2021-2032)

### **3 WORLD BLOOD FLOW SIMULATION SOFTWARE COMPANIES COMPETITIVE ANALYSIS**

#### 3.1 World Blood Flow Simulation Software Revenue by Player (2021-2026)

#### 3.2 Industry Rank and Concentration Rate (CR)

##### 3.2.1 Global Blood Flow Simulation Software Industry Rank of Major Players

##### 3.2.2 Global Concentration Ratios (CR4) for Blood Flow Simulation Software in 2025

##### 3.2.3 Global Concentration Ratios (CR8) for Blood Flow Simulation Software in 2025

#### 3.3 Blood Flow Simulation Software Company Evaluation Quadrant

#### 3.4 Blood Flow Simulation Software Market: Overall Company Footprint Analysis

##### 3.4.1 Blood Flow Simulation Software Market: Region Footprint

##### 3.4.2 Blood Flow Simulation Software Market: Company Product Type Footprint

##### 3.4.3 Blood Flow Simulation Software Market: Company Product Application Footprint

#### 3.5 Competitive Environment

##### 3.5.1 Historical Structure of the Industry

##### 3.5.2 Barriers of Market Entry

##### 3.5.3 Factors of Competition

#### 3.6 Mergers & Acquisitions Activity

### **4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)**

#### 4.1 United States VS China: Blood Flow Simulation Software Revenue Comparison (by Headquarter Location)

##### 4.1.1 United States VS China: Blood Flow Simulation Software Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)

##### 4.1.2 United States VS China: Blood Flow Simulation Software Revenue Market Share Comparison (2021 & 2025 & 2032)

#### 4.2 United States Based Companies VS China Based Companies: Blood Flow Simulation Software Consumption Value Comparison

##### 4.2.1 United States VS China: Blood Flow Simulation Software Consumption Value Comparison (2021 & 2025 & 2032)

##### 4.2.2 United States VS China: Blood Flow Simulation Software Consumption Value Market Share Comparison (2021 & 2025 & 2032)

#### 4.3 United States Based Blood Flow Simulation Software Companies and Market Share, 2021-2026

##### 4.3.1 United States Based Blood Flow Simulation Software Companies, Headquarters

(States, Country)

4.3.2 United States Based Companies Blood Flow Simulation Software Revenue, (2021-2026)

4.4 China Based Companies Blood Flow Simulation Software Revenue and Market Share, 2021-2026

4.4.1 China Based Blood Flow Simulation Software Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Blood Flow Simulation Software Revenue, (2021-2026)

4.5 Rest of World Based Blood Flow Simulation Software Companies and Market Share, 2021-2026

4.5.1 Rest of World Based Blood Flow Simulation Software Companies, Headquarters (Province, Country)

4.5.2 Rest of World Based Companies Blood Flow Simulation Software Revenue (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Blood Flow Simulation Software Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Whole-Body Circulation

5.2.2 Organ-Level (e.g., Heart, Brain)

5.2.3 Microvascular / Cellular

5.3 Market Segment by Type

5.3.1 World Blood Flow Simulation Software Market Size by Type (2021-2026)

5.3.2 World Blood Flow Simulation Software Market Size by Type (2027-2032)

5.3.3 World Blood Flow Simulation Software Market Size Market Share by Type (2027-2032)

## **6 MARKET ANALYSIS BY DIMENSIONALITY OF THE MODEL**

6.1 World Blood Flow Simulation Software Market Size Overview by Dimensionality of the Model: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Dimensionality of the Model

6.2.1 0D (Lumped-Parameter) Models

6.2.2 1D Models (Network / Pulse-Wave)

6.2.3 3D Models (Full CFD)

6.2.4 Multiscale Models (0D + 1D + 3D Coupled)

6.3 Market Segment by Dimensionality of the Model

6.3.1 World Blood Flow Simulation Software Market Size by Dimensionality of the Model (2021-2026)

6.3.2 World Blood Flow Simulation Software Market Size by Dimensionality of the Model (2027-2032)

6.3.3 World Blood Flow Simulation Software Market Size Market Share by Dimensionality of the Model (2027-2032)

## **7 MARKET ANALYSIS BY APPLICATION**

7.1 World Blood Flow Simulation Software Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Clinical Research

7.2.2 Medical Device Design

7.2.3 Surgical Planning

7.2.4 Others

7.3 Market Segment by Application

7.3.1 World Blood Flow Simulation Software Market Size by Application (2021-2026)

7.3.2 World Blood Flow Simulation Software Market Size by Application (2027-2032)

7.3.3 World Blood Flow Simulation Software Market Size Market Share by Application (2021-2032)

## **8 COMPANY PROFILES**

8.1 ANSYS Fluent

8.1.1 ANSYS Fluent Details

8.1.2 ANSYS Fluent Major Business

8.1.3 ANSYS Fluent Blood Flow Simulation Software Product and Services

8.1.4 ANSYS Fluent Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)

8.1.5 ANSYS Fluent Recent Developments/Updates

8.1.6 ANSYS Fluent Competitive Strengths & Weaknesses

8.2 COMSOL Multiphysics

8.2.1 COMSOL Multiphysics Details

8.2.2 COMSOL Multiphysics Major Business

8.2.3 COMSOL Multiphysics Blood Flow Simulation Software Product and Services

8.2.4 COMSOL Multiphysics Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)

8.2.5 COMSOL Multiphysics Recent Developments/Updates

- 8.2.6 COMSOL Multiphysics Competitive Strengths & Weaknesses
- 8.3 SimVascular
  - 8.3.1 SimVascular Details
  - 8.3.2 SimVascular Major Business
  - 8.3.3 SimVascular Blood Flow Simulation Software Product and Services
  - 8.3.4 SimVascular Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.3.5 SimVascular Recent Developments/Updates
  - 8.3.6 SimVascular Competitive Strengths & Weaknesses
- 8.4 OpenFOAM
  - 8.4.1 OpenFOAM Details
  - 8.4.2 OpenFOAM Major Business
  - 8.4.3 OpenFOAM Blood Flow Simulation Software Product and Services
  - 8.4.4 OpenFOAM Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.4.5 OpenFOAM Recent Developments/Updates
  - 8.4.6 OpenFOAM Competitive Strengths & Weaknesses
- 8.5 Abaqus FSI
  - 8.5.1 Abaqus FSI Details
  - 8.5.2 Abaqus FSI Major Business
  - 8.5.3 Abaqus FSI Blood Flow Simulation Software Product and Services
  - 8.5.4 Abaqus FSI Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.5.5 Abaqus FSI Recent Developments/Updates
  - 8.5.6 Abaqus FSI Competitive Strengths & Weaknesses
- 8.6 FlowVision
  - 8.6.1 FlowVision Details
  - 8.6.2 FlowVision Major Business
  - 8.6.3 FlowVision Blood Flow Simulation Software Product and Services
  - 8.6.4 FlowVision Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.6.5 FlowVision Recent Developments/Updates
  - 8.6.6 FlowVision Competitive Strengths & Weaknesses
- 8.7 Star-CCM+ (Siemens)
  - 8.7.1 Star-CCM+ (Siemens) Details
  - 8.7.2 Star-CCM+ (Siemens) Major Business
  - 8.7.3 Star-CCM+ (Siemens) Blood Flow Simulation Software Product and Services
  - 8.7.4 Star-CCM+ (Siemens) Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)

- 8.7.5 Star-CCM+ (Siemens) Recent Developments/Updates
- 8.7.6 Star-CCM+ (Siemens) Competitive Strengths & Weaknesses
- 8.8 CFD-ACE+
  - 8.8.1 CFD-ACE+ Details
  - 8.8.2 CFD-ACE+ Major Business
  - 8.8.3 CFD-ACE+ Blood Flow Simulation Software Product and Services
  - 8.8.4 CFD-ACE+ Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.8.5 CFD-ACE+ Recent Developments/Updates
  - 8.8.6 CFD-ACE+ Competitive Strengths & Weaknesses
- 8.9 SOFA Framework
  - 8.9.1 SOFA Framework Details
  - 8.9.2 SOFA Framework Major Business
  - 8.9.3 SOFA Framework Blood Flow Simulation Software Product and Services
  - 8.9.4 SOFA Framework Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.9.5 SOFA Framework Recent Developments/Updates
  - 8.9.6 SOFA Framework Competitive Strengths & Weaknesses
- 8.10 Gerris Flow Solver
  - 8.10.1 Gerris Flow Solver Details
  - 8.10.2 Gerris Flow Solver Major Business
  - 8.10.3 Gerris Flow Solver Blood Flow Simulation Software Product and Services
  - 8.10.4 Gerris Flow Solver Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.10.5 Gerris Flow Solver Recent Developments/Updates
  - 8.10.6 Gerris Flow Solver Competitive Strengths & Weaknesses
- 8.11 Palabos
  - 8.11.1 Palabos Details
  - 8.11.2 Palabos Major Business
  - 8.11.3 Palabos Blood Flow Simulation Software Product and Services
  - 8.11.4 Palabos Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026)
  - 8.11.5 Palabos Recent Developments/Updates
  - 8.11.6 Palabos Competitive Strengths & Weaknesses
- 8.12 Kratos Multiphysics
  - 8.12.1 Kratos Multiphysics Details
  - 8.12.2 Kratos Multiphysics Major Business
  - 8.12.3 Kratos Multiphysics Blood Flow Simulation Software Product and Services
  - 8.12.4 Kratos Multiphysics Blood Flow Simulation Software Revenue, Gross Margin

and Market Share (2021-2026)

8.12.5 Kratos Multiphysics Recent Developments/Updates

8.12.6 Kratos Multiphysics Competitive Strengths & Weaknesses

8.13 FEBio + FEBio Fluid

8.13.1 FEBio + FEBio Fluid Details

8.13.2 FEBio + FEBio Fluid Major Business

8.13.3 FEBio + FEBio Fluid Blood Flow Simulation Software Product and Services

8.13.4 FEBio + FEBio Fluid Blood Flow Simulation Software Revenue, Gross Margin

and Market Share (2021-2026)

8.13.5 FEBio + FEBio Fluid Recent Developments/Updates

8.13.6 FEBio + FEBio Fluid Competitive Strengths & Weaknesses

8.14 MITK Flow

8.14.1 MITK Flow Details

8.14.2 MITK Flow Major Business

8.14.3 MITK Flow Blood Flow Simulation Software Product and Services

8.14.4 MITK Flow Blood Flow Simulation Software Revenue, Gross Margin and Market

Share (2021-2026)

8.14.5 MITK Flow Recent Developments/Updates

8.14.6 MITK Flow Competitive Strengths & Weaknesses

## **9 INDUSTRY CHAIN ANALYSIS**

9.1 Blood Flow Simulation Software Industry Chain

9.2 Blood Flow Simulation Software Upstream Analysis

9.3 Blood Flow Simulation Software Midstream Analysis

9.4 Blood Flow Simulation Software Downstream Analysis

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. World Blood Flow Simulation Software Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Table 2. World Blood Flow Simulation Software Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)
- Table 3. World Blood Flow Simulation Software Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)
- Table 4. World Blood Flow Simulation Software Revenue Market Share by Region (2021-2026), (by Headquarter Location)
- Table 5. World Blood Flow Simulation Software Revenue Market Share by Region (2027-2032), (by Headquarter Location)
- Table 6. Major Market Trends
- Table 7. World Blood Flow Simulation Software Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)
- Table 8. World Blood Flow Simulation Software Consumption Value by Region (2021-2026) & (USD Million)
- Table 9. World Blood Flow Simulation Software Consumption Value Forecast by Region (2027-2032) & (USD Million)
- Table 10. World Blood Flow Simulation Software Revenue by Player (2021-2026) & (USD Million)
- Table 11. Revenue Market Share of Key Blood Flow Simulation Software Players in 2025
- Table 12. World Blood Flow Simulation Software Industry Rank of Major Player, Based on Revenue in 2025
- Table 13. Global Blood Flow Simulation Software Company Evaluation Quadrant
- Table 14. Head Office of Key Blood Flow Simulation Software Players
- Table 15. Blood Flow Simulation Software Market: Company Product Type Footprint
- Table 16. Blood Flow Simulation Software Market: Company Product Application Footprint
- Table 17. Blood Flow Simulation Software Mergers & Acquisitions Activity
- Table 18. United States VS China Blood Flow Simulation Software Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 19. United States VS China Blood Flow Simulation Software Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 20. United States Based Blood Flow Simulation Software Companies, Headquarters (States, Country)

Table 21. United States Based Companies Blood Flow Simulation Software Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies Blood Flow Simulation Software Revenue Market Share (2021-2026)

Table 23. China Based Blood Flow Simulation Software Companies, Headquarters (Province, Country)

Table 24. China Based Companies Blood Flow Simulation Software Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies Blood Flow Simulation Software Revenue Market Share (2021-2026)

Table 26. Rest of World Based Blood Flow Simulation Software Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies Blood Flow Simulation Software Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies Blood Flow Simulation Software Revenue Market Share (2021-2026)

Table 29. World Blood Flow Simulation Software Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World Blood Flow Simulation Software Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World Blood Flow Simulation Software Market Size by Type (2027-2032) & (USD Million)

Table 32. World Blood Flow Simulation Software Market Size by Dimensionality of the Model, (USD Million), 2021 & 2025 & 2032

Table 33. World Blood Flow Simulation Software Market Size Value by Dimensionality of the Model (2021-2026) & (USD Million)

Table 34. World Blood Flow Simulation Software Market Size by Dimensionality of the Model (2027-2032) & (USD Million)

Table 35. World Blood Flow Simulation Software Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 36. World Blood Flow Simulation Software Market Size by Application (2021-2026) & (USD Million)

Table 37. World Blood Flow Simulation Software Market Size by Application (2027-2032) & (USD Million)

Table 38. ANSYS Fluent Basic Information, Manufacturing Base and Competitors

Table 39. ANSYS Fluent Major Business

Table 40. ANSYS Fluent Blood Flow Simulation Software Product and Services

Table 41. ANSYS Fluent Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

- Table 42. ANSYS Fluent Recent Developments/Updates
- Table 43. ANSYS Fluent Competitive Strengths & Weaknesses
- Table 44. COMSOL Multiphysics Basic Information, Manufacturing Base and Competitors
- Table 45. COMSOL Multiphysics Major Business
- Table 46. COMSOL Multiphysics Blood Flow Simulation Software Product and Services
- Table 47. COMSOL Multiphysics Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 48. COMSOL Multiphysics Recent Developments/Updates
- Table 49. COMSOL Multiphysics Competitive Strengths & Weaknesses
- Table 50. SimVascular Basic Information, Manufacturing Base and Competitors
- Table 51. SimVascular Major Business
- Table 52. SimVascular Blood Flow Simulation Software Product and Services
- Table 53. SimVascular Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 54. SimVascular Recent Developments/Updates
- Table 55. SimVascular Competitive Strengths & Weaknesses
- Table 56. OpenFOAM Basic Information, Manufacturing Base and Competitors
- Table 57. OpenFOAM Major Business
- Table 58. OpenFOAM Blood Flow Simulation Software Product and Services
- Table 59. OpenFOAM Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 60. OpenFOAM Recent Developments/Updates
- Table 61. OpenFOAM Competitive Strengths & Weaknesses
- Table 62. Abaqus FSI Basic Information, Manufacturing Base and Competitors
- Table 63. Abaqus FSI Major Business
- Table 64. Abaqus FSI Blood Flow Simulation Software Product and Services
- Table 65. Abaqus FSI Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 66. Abaqus FSI Recent Developments/Updates
- Table 67. Abaqus FSI Competitive Strengths & Weaknesses
- Table 68. FlowVision Basic Information, Manufacturing Base and Competitors
- Table 69. FlowVision Major Business
- Table 70. FlowVision Blood Flow Simulation Software Product and Services
- Table 71. FlowVision Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 72. FlowVision Recent Developments/Updates
- Table 73. FlowVision Competitive Strengths & Weaknesses
- Table 74. Star-CCM+ (Siemens) Basic Information, Manufacturing Base and

## Competitors

Table 75. Star-CCM+ (Siemens) Major Business

Table 76. Star-CCM+ (Siemens) Blood Flow Simulation Software Product and Services

Table 77. Star-CCM+ (Siemens) Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 78. Star-CCM+ (Siemens) Recent Developments/Updates

Table 79. Star-CCM+ (Siemens) Competitive Strengths & Weaknesses

Table 80. CFD-ACE+ Basic Information, Manufacturing Base and Competitors

Table 81. CFD-ACE+ Major Business

Table 82. CFD-ACE+ Blood Flow Simulation Software Product and Services

Table 83. CFD-ACE+ Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 84. CFD-ACE+ Recent Developments/Updates

Table 85. CFD-ACE+ Competitive Strengths & Weaknesses

Table 86. SOFA Framework Basic Information, Manufacturing Base and Competitors

Table 87. SOFA Framework Major Business

Table 88. SOFA Framework Blood Flow Simulation Software Product and Services

Table 89. SOFA Framework Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 90. SOFA Framework Recent Developments/Updates

Table 91. SOFA Framework Competitive Strengths & Weaknesses

Table 92. Gerris Flow Solver Basic Information, Manufacturing Base and Competitors

Table 93. Gerris Flow Solver Major Business

Table 94. Gerris Flow Solver Blood Flow Simulation Software Product and Services

Table 95. Gerris Flow Solver Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 96. Gerris Flow Solver Recent Developments/Updates

Table 97. Gerris Flow Solver Competitive Strengths & Weaknesses

Table 98. Palabos Basic Information, Manufacturing Base and Competitors

Table 99. Palabos Major Business

Table 100. Palabos Blood Flow Simulation Software Product and Services

Table 101. Palabos Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 102. Palabos Recent Developments/Updates

Table 103. Palabos Competitive Strengths & Weaknesses

Table 104. Kratos Multiphysics Basic Information, Manufacturing Base and Competitors

Table 105. Kratos Multiphysics Major Business

Table 106. Kratos Multiphysics Blood Flow Simulation Software Product and Services

Table 107. Kratos Multiphysics Blood Flow Simulation Software Revenue, Gross Margin

and Market Share (2021-2026) & (USD Million)

Table 108. Kratos Multiphysics Recent Developments/Updates

Table 109. Kratos Multiphysics Competitive Strengths & Weaknesses

Table 110. FEBio + FEBio Fluid Basic Information, Manufacturing Base and Competitors

Table 111. FEBio + FEBio Fluid Major Business

Table 112. FEBio + FEBio Fluid Blood Flow Simulation Software Product and Services

Table 113. FEBio + FEBio Fluid Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 114. FEBio + FEBio Fluid Recent Developments/Updates

Table 115. FEBio + FEBio Fluid Competitive Strengths & Weaknesses

Table 116. MITK Flow Basic Information, Manufacturing Base and Competitors

Table 117. MITK Flow Major Business

Table 118. MITK Flow Blood Flow Simulation Software Product and Services

Table 119. MITK Flow Blood Flow Simulation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 120. MITK Flow Recent Developments/Updates

Table 121. MITK Flow Competitive Strengths & Weaknesses

Table 122. Global Key Players of Blood Flow Simulation Software Upstream (Raw Materials)

Table 123. Global Blood Flow Simulation Software Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Blood Flow Simulation Software Picture

Figure 2. World Blood Flow Simulation Software Total Revenue: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Blood Flow Simulation Software Total Revenue (2021-2032) & (USD Million)

Figure 4. World Blood Flow Simulation Software Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Figure 5. World Blood Flow Simulation Software Revenue Market Share by Region (2021-2032), (by Headquarter Location)

Figure 6. United States Based Company Blood Flow Simulation Software Revenue (2021-2032) & (USD Million)

Figure 7. China Based Company Blood Flow Simulation Software Revenue (2021-2032) & (USD Million)

Figure 8. Europe Based Company Blood Flow Simulation Software Revenue (2021-2032) & (USD Million)

Figure 9. Japan Based Company Blood Flow Simulation Software Revenue (2021-2032) & (USD Million)

Figure 10. South Korea Based Company Blood Flow Simulation Software Revenue (2021-2032) & (USD Million)

Figure 11. ASEAN Based Company Blood Flow Simulation Software Revenue (2021-2032) & (USD Million)

Figure 12. India Based Company Blood Flow Simulation Software Revenue (2021-2032) & (USD Million)

Figure 13. Blood Flow Simulation Software Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 16. World Blood Flow Simulation Software Consumption Value Market Share by Region (2021-2032)

Figure 17. United States Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 18. China Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 19. Europe Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 20. Japan Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 21. South Korea Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 22. ASEAN Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 23. India Blood Flow Simulation Software Consumption Value (2021-2032) & (USD Million)

Figure 24. Producer Shipments of Blood Flow Simulation Software by Player Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Blood Flow Simulation Software Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Blood Flow Simulation Software Markets in 2025

Figure 27. United States VS China: Blood Flow Simulation Software Revenue Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Blood Flow Simulation Software Consumption Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. World Blood Flow Simulation Software Market Size by Type, (USD Million), 2021 & 2025 & 2032

Figure 30. World Blood Flow Simulation Software Market Size Market Share by Type in 2025

Figure 31. Whole-Body Circulation

Figure 32. Organ-Level (e.g., Heart, Brain)

Figure 33. Microvascular / Cellular

Figure 34. World Blood Flow Simulation Software Market Size Market Share by Type (2021-2032)

Figure 35. World Blood Flow Simulation Software Market Size by Dimensionality of the Model, (USD Million), 2021 & 2025 & 2032

Figure 36. World Blood Flow Simulation Software Market Size Market Share by Dimensionality of the Model in 2025

Figure 37. 0D (Lumped-Parameter) Models

Figure 38. 1D Models (Network / Pulse-Wave)

Figure 39. 3D Models (Full CFD)

Figure 40. Multiscale Models (0D + 1D + 3D Coupled)

Figure 41. World Blood Flow Simulation Software Market Size Market Share by Dimensionality of the Model (2021-2032)

Figure 42. World Blood Flow Simulation Software Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 43. World Blood Flow Simulation Software Market Size Market Share by Application in 2025

Figure 44. Clinical Research

Figure 45. Medical Device Design

Figure 46. Surgical Planning

Figure 47. Others

Figure 48. World Blood Flow Simulation Software Market Size Market Share by Application (2021-2032)

Figure 49. Blood Flow Simulation Software Industrial Chain

Figure 50. Methodology

Figure 51. Research Process and Data Source

## I would like to order

Product name: Global Blood Flow Simulation Software Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GB6D0A0BAECBEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB6D0A0BAECBEN.html>