

# Global Laser Direct Writing (LDW) Equipment for IC Substrate Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G1949DD7D29BEN.html>

Date: November 2023

Pages: 105

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

ID: G1949DD7D29BEN

## Abstracts

The global Laser Direct Writing (LDW) Equipment for IC Substrate market size is expected to reach \$ 48 million by 2029, rising at a market growth of 5.1% CAGR during the forecast period (2023-2029).

This report studies the Laser Direct Writing (LDW) Equipment for IC Substrate. Currently FC-BGA (ABF) is the largest and fastest-growing segment of IC Substrate, driven by the demand from PCs, server, AI Chips, Data Center, HPC Chips, and Communication, etc.

This report studies the global Laser Direct Writing (LDW) Equipment for IC Substrate production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Laser Direct Writing (LDW) Equipment for IC Substrate, 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 Laser Direct Writing (LDW) Equipment for IC Substrate that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Laser Direct Writing (LDW) Equipment for IC Substrate total production and demand, 2018-2029, (Units)

Global Laser Direct Writing (LDW) Equipment for IC Substrate total production value,

2018-2029, (USD Million)

Global Laser Direct Writing (LDW) Equipment for IC Substrate production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Laser Direct Writing (LDW) Equipment for IC Substrate consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Laser Direct Writing (LDW) Equipment for IC Substrate domestic production, consumption, key domestic manufacturers and share

Global Laser Direct Writing (LDW) Equipment for IC Substrate production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Laser Direct Writing (LDW) Equipment for IC Substrate production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Laser Direct Writing (LDW) Equipment for IC Substrate production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Laser Direct Writing (LDW) Equipment for IC Substrate 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 Orbotech (KLA), ADTEC, SCREEN, Chime Ball Technology, ORC Manufacturing, Circuit Fabology Microelectronics Equipment Co.,Ltd., TZTEK Company, Han's Laser and Jiangsu Yingsu IC Equipment, 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 Laser Direct Writing (LDW) Equipment for IC Substrate 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 Laser Direct Writing (LDW) Equipment for IC Substrate Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Laser Direct Writing (LDW) Equipment for IC Substrate Market, Segmentation by Type

Full-Automatic Direct Imaging System

Semi-automated and Manually LDI System

Global Laser Direct Writing (LDW) Equipment for IC Substrate Market, Segmentation by Application

FC-BGA (ABF)

FC-CSP

BGA/CSP

SiP and RF Modules

Others

#### Companies Profiled:

Orbotech (KLA)

ADTEC

SCREEN

Chime Ball Technology

ORC Manufacturing

Circuit Fabology Microelectronics Equipment Co.,Ltd.

TZTEK Company

Han's Laser

Jiangsu Yingsu IC Equipment

#### Key Questions Answered

1. How big is the global Laser Direct Writing (LDW) Equipment for IC Substrate market?
2. What is the demand of the global Laser Direct Writing (LDW) Equipment for IC Substrate market?
3. What is the year over year growth of the global Laser Direct Writing (LDW) Equipment for IC Substrate market?
4. What is the production and production value of the global Laser Direct Writing (LDW)

Equipment for IC Substrate market?

5. Who are the key producers in the global Laser Direct Writing (LDW) Equipment for IC Substrate market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Laser Direct Writing (LDW) Equipment for IC Substrate Introduction
- 1.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Supply & Forecast
  - 1.2.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029)
  - 1.2.3 World Laser Direct Writing (LDW) Equipment for IC Substrate Pricing Trends (2018-2029)
- 1.3 World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Region (Based on Production Site)
  - 1.3.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Region (2018-2029)
  - 1.3.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Region (2018-2029)
  - 1.3.3 World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Region (2018-2029)
  - 1.3.4 North America Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029)
  - 1.3.5 Europe Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029)
  - 1.3.6 China Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029)
  - 1.3.7 Japan Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029)
  - 1.3.8 South Korea Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Laser Direct Writing (LDW) Equipment for IC Substrate Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Laser Direct Writing (LDW) Equipment for IC Substrate Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Demand (2018-2029)
- 2.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption by

## Region

2.2.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption by Region (2018-2023)

2.2.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Forecast by Region (2024-2029)

2.3 United States Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029)

2.4 China Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029)

2.5 Europe Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029)

2.6 Japan Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029)

2.7 South Korea Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029)

2.8 ASEAN Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029)

2.9 India Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029)

## **3 WORLD LASER DIRECT WRITING (LDW) EQUIPMENT FOR IC SUBSTRATE MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Manufacturer (2018-2023)

3.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Manufacturer (2018-2023)

3.3 World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Manufacturer (2018-2023)

3.4 Laser Direct Writing (LDW) Equipment for IC Substrate Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Laser Direct Writing (LDW) Equipment for IC Substrate Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Laser Direct Writing (LDW) Equipment for IC Substrate in 2022

3.5.3 Global Concentration Ratios (CR8) for Laser Direct Writing (LDW) Equipment for IC Substrate in 2022

3.6 Laser Direct Writing (LDW) Equipment for IC Substrate Market: Overall Company

## Footprint Analysis

3.6.1 Laser Direct Writing (LDW) Equipment for IC Substrate Market: Region Footprint

3.6.2 Laser Direct Writing (LDW) Equipment for IC Substrate Market: Company

## Product Type Footprint

3.6.3 Laser Direct Writing (LDW) Equipment for IC Substrate Market: Company

## Product Application Footprint

## 3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

## 3.8 New Entrant and Capacity Expansion Plans

## 3.9 Mergers, Acquisition, Agreements, and Collaborations

# 4 UNITED STATES VS CHINA VS REST OF THE WORLD

## 4.1 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Comparison

4.1.1 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share Comparison (2018 & 2022 & 2029)

## 4.2 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Comparison

4.2.1 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share Comparison (2018 & 2022 & 2029)

## 4.3 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Comparison

4.3.1 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Market Share Comparison (2018 & 2022 & 2029)

## 4.4 United States Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value (2018-2023)



4.4.3 United States Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2023)

4.5 China Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers and Market Share

4.5.1 China Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value (2018-2023)

4.5.3 China Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2023)

4.6 Rest of World Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Full-Automatic Direct Imaging System

5.2.2 Semi-automated and Manually LDI System

5.3 Market Segment by Type

5.3.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Type (2018-2029)

5.3.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Type (2018-2029)

5.3.3 World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 FC-BGA (ABF)

6.2.2 FC-CSP

6.2.3 BGA/CSP

6.2.4 SiP and RF Modules

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Application (2018-2029)

6.3.2 World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Application (2018-2029)

6.3.3 World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Orbotech (KLA)

7.1.1 Orbotech (KLA) Details

7.1.2 Orbotech (KLA) Major Business

7.1.3 Orbotech (KLA) Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

7.1.4 Orbotech (KLA) Laser Direct Writing (LDW) Equipment for IC Substrate Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Orbotech (KLA) Recent Developments/Updates

7.1.6 Orbotech (KLA) Competitive Strengths & Weaknesses

7.2 ADTEC

7.2.1 ADTEC Details

7.2.2 ADTEC Major Business

7.2.3 ADTEC Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

7.2.4 ADTEC Laser Direct Writing (LDW) Equipment for IC Substrate Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 ADTEC Recent Developments/Updates

7.2.6 ADTEC Competitive Strengths & Weaknesses

7.3 SCREEN

7.3.1 SCREEN Details

7.3.2 SCREEN Major Business

7.3.3 SCREEN Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

7.3.4 SCREEN Laser Direct Writing (LDW) Equipment for IC Substrate Production,

## Price, Value, Gross Margin and Market Share (2018-2023)

### 7.3.5 SCREEN Recent Developments/Updates

### 7.3.6 SCREEN Competitive Strengths & Weaknesses

## 7.4 Chime Ball Technology

### 7.4.1 Chime Ball Technology Details

### 7.4.2 Chime Ball Technology Major Business

### 7.4.3 Chime Ball Technology Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

### 7.4.4 Chime Ball Technology Laser Direct Writing (LDW) Equipment for IC Substrate Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.4.5 Chime Ball Technology Recent Developments/Updates

### 7.4.6 Chime Ball Technology Competitive Strengths & Weaknesses

## 7.5 ORC Manufacturing

### 7.5.1 ORC Manufacturing Details

### 7.5.2 ORC Manufacturing Major Business

### 7.5.3 ORC Manufacturing Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

### 7.5.4 ORC Manufacturing Laser Direct Writing (LDW) Equipment for IC Substrate Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.5.5 ORC Manufacturing Recent Developments/Updates

### 7.5.6 ORC Manufacturing Competitive Strengths & Weaknesses

## 7.6 Circuit Fabology Microelectronics Equipment Co.,Ltd.

### 7.6.1 Circuit Fabology Microelectronics Equipment Co.,Ltd. Details

### 7.6.2 Circuit Fabology Microelectronics Equipment Co.,Ltd. Major Business

### 7.6.3 Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

### 7.6.4 Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Writing (LDW) Equipment for IC Substrate Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.6.5 Circuit Fabology Microelectronics Equipment Co.,Ltd. Recent Developments/Updates

### 7.6.6 Circuit Fabology Microelectronics Equipment Co.,Ltd. Competitive Strengths & Weaknesses

## 7.7 TZTEK Company

### 7.7.1 TZTEK Company Details

### 7.7.2 TZTEK Company Major Business

### 7.7.3 TZTEK Company Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

### 7.7.4 TZTEK Company Laser Direct Writing (LDW) Equipment for IC Substrate

Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 TZTEK Company Recent Developments/Updates

7.7.6 TZTEK Company Competitive Strengths & Weaknesses

7.8 Han's Laser

7.8.1 Han's Laser Details

7.8.2 Han's Laser Major Business

7.8.3 Han's Laser Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

7.8.4 Han's Laser Laser Direct Writing (LDW) Equipment for IC Substrate Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Han's Laser Recent Developments/Updates

7.8.6 Han's Laser Competitive Strengths & Weaknesses

7.9 Jiangsu Yingsu IC Equipment

7.9.1 Jiangsu Yingsu IC Equipment Details

7.9.2 Jiangsu Yingsu IC Equipment Major Business

7.9.3 Jiangsu Yingsu IC Equipment Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

7.9.4 Jiangsu Yingsu IC Equipment Laser Direct Writing (LDW) Equipment for IC Substrate Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Jiangsu Yingsu IC Equipment Recent Developments/Updates

7.9.6 Jiangsu Yingsu IC Equipment Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Laser Direct Writing (LDW) Equipment for IC Substrate Industry Chain

8.2 Laser Direct Writing (LDW) Equipment for IC Substrate Upstream Analysis

8.2.1 Laser Direct Writing (LDW) Equipment for IC Substrate Core Raw Materials

8.2.2 Main Manufacturers of Laser Direct Writing (LDW) Equipment for IC Substrate Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Laser Direct Writing (LDW) Equipment for IC Substrate Production Mode

8.6 Laser Direct Writing (LDW) Equipment for IC Substrate Procurement Model

8.7 Laser Direct Writing (LDW) Equipment for IC Substrate Industry Sales Model and Sales Channels

8.7.1 Laser Direct Writing (LDW) Equipment for IC Substrate Sales Model

8.7.2 Laser Direct Writing (LDW) Equipment for IC Substrate Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Region (2018-2023) & (USD Million)

Table 3. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Region (2024-2029) & (USD Million)

Table 4. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share by Region (2018-2023)

Table 5. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share by Region (2024-2029)

Table 6. World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Region (2018-2023) & (Units)

Table 7. World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Region (2024-2029) & (Units)

Table 8. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share by Region (2018-2023)

Table 9. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share by Region (2024-2029)

Table 10. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Laser Direct Writing (LDW) Equipment for IC Substrate Major Market Trends

Table 13. World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption by Region (2018-2023) & (Units)

Table 15. World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Laser Direct Writing (LDW) Equipment for IC Substrate Producers in 2022

Table 18. World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Manufacturer (2018-2023) & (Units)



Table 19. Production Market Share of Key Laser Direct Writing (LDW) Equipment for IC Substrate Producers in 2022

Table 20. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Laser Direct Writing (LDW) Equipment for IC Substrate Company Evaluation Quadrant

Table 22. World Laser Direct Writing (LDW) Equipment for IC Substrate Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Laser Direct Writing (LDW) Equipment for IC Substrate Production Site of Key Manufacturer

Table 24. Laser Direct Writing (LDW) Equipment for IC Substrate Market: Company Product Type Footprint

Table 25. Laser Direct Writing (LDW) Equipment for IC Substrate Market: Company Product Application Footprint

Table 26. Laser Direct Writing (LDW) Equipment for IC Substrate Competitive Factors

Table 27. Laser Direct Writing (LDW) Equipment for IC Substrate New Entrant and Capacity Expansion Plans

Table 28. Laser Direct Writing (LDW) Equipment for IC Substrate Mergers & Acquisitions Activity

Table 29. United States VS China Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Laser Direct Writing (LDW) Equipment for IC Substrate Production Comparison, (2018 & 2022 & 2029) & (Units)

Table 31. United States VS China Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share (2018-2023)

Table 37. China Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2023) & (Units)

Table 41. China Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share (2018-2023)

Table 42. Rest of World Based Laser Direct Writing (LDW) Equipment for IC Substrate Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share (2018-2023)

Table 47. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Type (2018-2023) & (Units)

Table 49. World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Type (2024-2029) & (Units)

Table 50. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Type (2018-2023) & (USD Million)

Table 51. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Type (2024-2029) & (USD Million)

Table 52. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Application (2018-2023) & (Units)

Table 56. World Laser Direct Writing (LDW) Equipment for IC Substrate Production by Application (2024-2029) & (Units)

Table 57. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Application (2018-2023) & (USD Million)

Table 58. World Laser Direct Writing (LDW) Equipment for IC Substrate Production



Value by Application (2024-2029) & (USD Million)

Table 59. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Orbotech (KLA) Basic Information, Manufacturing Base and Competitors

Table 62. Orbotech (KLA) Major Business

Table 63. Orbotech (KLA) Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 64. Orbotech (KLA) Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Orbotech (KLA) Recent Developments/Updates

Table 66. Orbotech (KLA) Competitive Strengths & Weaknesses

Table 67. ADTEC Basic Information, Manufacturing Base and Competitors

Table 68. ADTEC Major Business

Table 69. ADTEC Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 70. ADTEC Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. ADTEC Recent Developments/Updates

Table 72. ADTEC Competitive Strengths & Weaknesses

Table 73. SCREEN Basic Information, Manufacturing Base and Competitors

Table 74. SCREEN Major Business

Table 75. SCREEN Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 76. SCREEN Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. SCREEN Recent Developments/Updates

Table 78. SCREEN Competitive Strengths & Weaknesses

Table 79. Chime Ball Technology Basic Information, Manufacturing Base and Competitors

Table 80. Chime Ball Technology Major Business

Table 81. Chime Ball Technology Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 82. Chime Ball Technology Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross

**Margin and Market Share (2018-2023)**

Table 83. Chime Ball Technology Recent Developments/Updates

Table 84. Chime Ball Technology Competitive Strengths &amp; Weaknesses

Table 85. ORC Manufacturing Basic Information, Manufacturing Base and Competitors

Table 86. ORC Manufacturing Major Business

Table 87. ORC Manufacturing Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 88. ORC Manufacturing Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. ORC Manufacturing Recent Developments/Updates

Table 90. ORC Manufacturing Competitive Strengths &amp; Weaknesses

Table 91. Circuit Fabology Microelectronics Equipment Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 92. Circuit Fabology Microelectronics Equipment Co.,Ltd. Major Business

Table 93. Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 94. Circuit Fabology Microelectronics Equipment Co.,Ltd. Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Circuit Fabology Microelectronics Equipment Co.,Ltd. Recent Developments/Updates

Table 96. Circuit Fabology Microelectronics Equipment Co.,Ltd. Competitive Strengths &amp; Weaknesses

Table 97. TZTEK Company Basic Information, Manufacturing Base and Competitors

Table 98. TZTEK Company Major Business

Table 99. TZTEK Company Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 100. TZTEK Company Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. TZTEK Company Recent Developments/Updates

Table 102. TZTEK Company Competitive Strengths &amp; Weaknesses

Table 103. Han's Laser Basic Information, Manufacturing Base and Competitors

Table 104. Han's Laser Major Business

Table 105. Han's Laser Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 106. Han's Laser Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and

Market Share (2018-2023)

Table 107. Han's Laser Recent Developments/Updates

Table 108. Jiangsu Yingsu IC Equipment Basic Information, Manufacturing Base and Competitors

Table 109. Jiangsu Yingsu IC Equipment Major Business

Table 110. Jiangsu Yingsu IC Equipment Laser Direct Writing (LDW) Equipment for IC Substrate Product and Services

Table 111. Jiangsu Yingsu IC Equipment Laser Direct Writing (LDW) Equipment for IC Substrate Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 112. Global Key Players of Laser Direct Writing (LDW) Equipment for IC Substrate Upstream (Raw Materials)

Table 113. Laser Direct Writing (LDW) Equipment for IC Substrate Typical Customers

Table 114. Laser Direct Writing (LDW) Equipment for IC Substrate Typical Distributors

## **LIST OF FIGURE**

Figure 1. Laser Direct Writing (LDW) Equipment for IC Substrate Picture

Figure 2. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029) & (Units)

Figure 5. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share by Region (2018-2029)

Figure 7. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share by Region (2018-2029)

Figure 8. North America Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029) & (Units)

Figure 9. Europe Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029) & (Units)

Figure 10. China Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029) & (Units)

Figure 11. Japan Laser Direct Writing (LDW) Equipment for IC Substrate Production (2018-2029) & (Units)

Figure 12. South Korea Laser Direct Writing (LDW) Equipment for IC Substrate

Production (2018-2029) & (Units)

Figure 13. Laser Direct Writing (LDW) Equipment for IC Substrate Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 16. World Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Market Share by Region (2018-2029)

Figure 17. United States Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 18. China Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 19. Europe Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 20. Japan Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 21. South Korea Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 22. ASEAN Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 23. India Laser Direct Writing (LDW) Equipment for IC Substrate Consumption (2018-2029) & (Units)

Figure 24. Producer Shipments of Laser Direct Writing (LDW) Equipment for IC Substrate by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Laser Direct Writing (LDW) Equipment for IC Substrate Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Laser Direct Writing (LDW) Equipment for IC Substrate Markets in 2022

Figure 27. United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Laser Direct Writing (LDW) Equipment for IC Substrate Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share 2022

Figure 31. China Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share 2022

Figure 33. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share by Type in 2022

Figure 35. Full-Automatic Direct Imaging System

Figure 36. Semi-automated and Manually LDI System

Figure 37. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share by Type (2018-2029)

Figure 38. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share by Type (2018-2029)

Figure 39. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share by Application in 2022

Figure 42. FC-BGA (ABF)

Figure 43. FC-CSP

Figure 44. BGA/CSP

Figure 45. SiP and RF Modules

Figure 46. Others

Figure 47. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Market Share by Application (2018-2029)

Figure 48. World Laser Direct Writing (LDW) Equipment for IC Substrate Production Value Market Share by Application (2018-2029)

Figure 49. World Laser Direct Writing (LDW) Equipment for IC Substrate Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. Laser Direct Writing (LDW) Equipment for IC Substrate Industry Chain

Figure 51. Laser Direct Writing (LDW) Equipment for IC Substrate Procurement Model

Figure 52. Laser Direct Writing (LDW) Equipment for IC Substrate Sales Model

Figure 53. Laser Direct Writing (LDW) Equipment for IC Substrate Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

## I would like to order

Product name: Global Laser Direct Writing (LDW) Equipment for IC Substrate Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G1949DD7D29BEN.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/G1949DD7D29BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



