

Global Blackbody Sources Market Growth 2025-2031

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Abstracts

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The global Blackbody Sources market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

Blackbody sources are uniform, temperature stable sources of infrared radiation that approximate the ideal blackbody. The primary function of a blackbody source is to provide certain sources for calibrating infrared sensors and systems.

United States market for Blackbody Sources is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Blackbody Sources is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Blackbody Sources is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Blackbody Sources players cover CI Systems Inc., Infrared Systems Development Corporation (ISDC), HGH Infrared Systems, Accurate Sensors Technologies Pvt Ltd, Isotech, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Blackbody Sources Industry Forecast" looks at past sales and reviews total world Blackbody Sources sales in 2024, providing a comprehensive analysis by region and market sector of projected Blackbody Sources sales for 2025 through 2031. With Blackbody Sources sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$

millions of the world Blackbody Sources industry.

This Insight Report provides a comprehensive analysis of the global Blackbody Sources 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 Blackbody Sources portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Blackbody Sources market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Blackbody Sources 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 Blackbody Sources.

This report presents a comprehensive overview, market shares, and growth opportunities of Blackbody Sources market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Hot Plate-Type

Cavity-Type

Others

Segmentation by Application:

Aerospace

Pharmaceutical

Power Generation

Semiconductor

Others

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.

CI Systems Inc.

Infrared Systems Development Corporation (ISDC)

HGH Infrared Systems

Accurate Sensors Technologies Pvt Ltd

Isotech

CHINO CORPORATION

Fluke Calibration

Optris

AMETEK Land

Tempsens

Sensortherm

Calex Electronics

HETRONICS

Bodkin Design & Engineering, LLC

Newport Electronics Inc

Advanced Energy

Measurement Solutions

Palmer Wahl Instrumentation Group

Santa Barbara Infrared, Inc.

Guangzhou Riqi Electronic

Leister AG

Omega Engineering

Process Sensors

DIAS Infrared

Boston Electronics

Nagman

Key Questions Addressed in this Report

What is the 10-year outlook for the global Blackbody Sources market?

What factors are driving Blackbody Sources market growth, globally and by region?

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

How do Blackbody Sources market opportunities vary by end market size?

How does Blackbody Sources break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Blackbody Sources Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Blackbody Sources by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Blackbody Sources by Country/Region, 2020, 2024 & 2031
- 2.2 Blackbody Sources Segment by Type
 - 2.2.1 Hot Plate-Type
 - 2.2.2 Cavity-Type
 - 2.2.3 Others
- 2.3 Blackbody Sources Sales by Type
 - 2.3.1 Global Blackbody Sources Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Blackbody Sources Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Blackbody Sources Sale Price by Type (2020-2025)
- 2.4 Blackbody Sources Segment by Application
 - 2.4.1 Aerospace
 - 2.4.2 Pharmaceutical
 - 2.4.3 Power Generation
 - 2.4.4 Semiconductor
 - 2.4.5 Others
- 2.5 Blackbody Sources Sales by Application
 - 2.5.1 Global Blackbody Sources Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Blackbody Sources Revenue and Market Share by Application (2020-2025)

2.5.3 Global Blackbody Sources Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Blackbody Sources Breakdown Data by Company

3.1.1 Global Blackbody Sources Annual Sales by Company (2020-2025)

3.1.2 Global Blackbody Sources Sales Market Share by Company (2020-2025)

3.2 Global Blackbody Sources Annual Revenue by Company (2020-2025)

3.2.1 Global Blackbody Sources Revenue by Company (2020-2025)

3.2.2 Global Blackbody Sources Revenue Market Share by Company (2020-2025)

3.3 Global Blackbody Sources Sale Price by Company

3.4 Key Manufacturers Blackbody Sources Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Blackbody Sources Product Location Distribution

3.4.2 Players Blackbody Sources Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR BLACKBODY SOURCES BY GEOGRAPHIC REGION

4.1 World Historic Blackbody Sources Market Size by Geographic Region (2020-2025)

4.1.1 Global Blackbody Sources Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Blackbody Sources Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Blackbody Sources Market Size by Country/Region (2020-2025)

4.2.1 Global Blackbody Sources Annual Sales by Country/Region (2020-2025)

4.2.2 Global Blackbody Sources Annual Revenue by Country/Region (2020-2025)

4.3 Americas Blackbody Sources Sales Growth

4.4 APAC Blackbody Sources Sales Growth

4.5 Europe Blackbody Sources Sales Growth

4.6 Middle East & Africa Blackbody Sources Sales Growth

5 AMERICAS

5.1 Americas Blackbody Sources Sales by Country

5.1.1 Americas Blackbody Sources Sales by Country (2020-2025)

- 5.1.2 Americas Blackbody Sources Revenue by Country (2020-2025)
- 5.2 Americas Blackbody Sources Sales by Type (2020-2025)
- 5.3 Americas Blackbody Sources Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Blackbody Sources Sales by Region
 - 6.1.1 APAC Blackbody Sources Sales by Region (2020-2025)
 - 6.1.2 APAC Blackbody Sources Revenue by Region (2020-2025)
- 6.2 APAC Blackbody Sources Sales by Type (2020-2025)
- 6.3 APAC Blackbody Sources Sales by Application (2020-2025)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Blackbody Sources by Country
 - 7.1.1 Europe Blackbody Sources Sales by Country (2020-2025)
 - 7.1.2 Europe Blackbody Sources Revenue by Country (2020-2025)
- 7.2 Europe Blackbody Sources Sales by Type (2020-2025)
- 7.3 Europe Blackbody Sources Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Blackbody Sources by Country

- 8.1.1 Middle East & Africa Blackbody Sources Sales by Country (2020-2025)
- 8.1.2 Middle East & Africa Blackbody Sources Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Blackbody Sources Sales by Type (2020-2025)
- 8.3 Middle East & Africa Blackbody Sources Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Blackbody Sources
- 10.3 Manufacturing Process Analysis of Blackbody Sources
- 10.4 Industry Chain Structure of Blackbody Sources

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Blackbody Sources Distributors
- 11.3 Blackbody Sources Customer

12 WORLD FORECAST REVIEW FOR BLACKBODY SOURCES BY GEOGRAPHIC REGION

- 12.1 Global Blackbody Sources Market Size Forecast by Region
 - 12.1.1 Global Blackbody Sources Forecast by Region (2026-2031)
 - 12.1.2 Global Blackbody Sources Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)

- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Blackbody Sources Forecast by Type (2026-2031)
- 12.7 Global Blackbody Sources Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 CI Systems Inc.

- 13.1.1 CI Systems Inc. Company Information
- 13.1.2 CI Systems Inc. Blackbody Sources Product Portfolios and Specifications
- 13.1.3 CI Systems Inc. Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.1.4 CI Systems Inc. Main Business Overview
- 13.1.5 CI Systems Inc. Latest Developments

13.2 Infrared Systems Development Corporation (ISDC)

- 13.2.1 Infrared Systems Development Corporation (ISDC) Company Information
- 13.2.2 Infrared Systems Development Corporation (ISDC) Blackbody Sources Product Portfolios and Specifications
- 13.2.3 Infrared Systems Development Corporation (ISDC) Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.2.4 Infrared Systems Development Corporation (ISDC) Main Business Overview
- 13.2.5 Infrared Systems Development Corporation (ISDC) Latest Developments

13.3 HGH Infrared Systems

- 13.3.1 HGH Infrared Systems Company Information
- 13.3.2 HGH Infrared Systems Blackbody Sources Product Portfolios and Specifications
- 13.3.3 HGH Infrared Systems Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.3.4 HGH Infrared Systems Main Business Overview
- 13.3.5 HGH Infrared Systems Latest Developments

13.4 Accurate Sensors Technologies Pvt Ltd

- 13.4.1 Accurate Sensors Technologies Pvt Ltd Company Information
- 13.4.2 Accurate Sensors Technologies Pvt Ltd Blackbody Sources Product Portfolios and Specifications
- 13.4.3 Accurate Sensors Technologies Pvt Ltd Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.4.4 Accurate Sensors Technologies Pvt Ltd Main Business Overview
- 13.4.5 Accurate Sensors Technologies Pvt Ltd Latest Developments

13.5 Isotech

- 13.5.1 Isotech Company Information
- 13.5.2 Isotech Blackbody Sources Product Portfolios and Specifications
- 13.5.3 Isotech Blackbody Sources Sales, Revenue, Price and Gross Margin
(2020-2025)
- 13.5.4 Isotech Main Business Overview
- 13.5.5 Isotech Latest Developments
- 13.6 CHINO CORPORATION
 - 13.6.1 CHINO CORPORATION Company Information
 - 13.6.2 CHINO CORPORATION Blackbody Sources Product Portfolios and Specifications
 - 13.6.3 CHINO CORPORATION Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 CHINO CORPORATION Main Business Overview
 - 13.6.5 CHINO CORPORATION Latest Developments
- 13.7 Fluke Calibration
 - 13.7.1 Fluke Calibration Company Information
 - 13.7.2 Fluke Calibration Blackbody Sources Product Portfolios and Specifications
 - 13.7.3 Fluke Calibration Blackbody Sources Sales, Revenue, Price and Gross Margin
(2020-2025)
 - 13.7.4 Fluke Calibration Main Business Overview
 - 13.7.5 Fluke Calibration Latest Developments
- 13.8 Optris
 - 13.8.1 Optris Company Information
 - 13.8.2 Optris Blackbody Sources Product Portfolios and Specifications
 - 13.8.3 Optris Blackbody Sources Sales, Revenue, Price and Gross Margin
(2020-2025)
 - 13.8.4 Optris Main Business Overview
 - 13.8.5 Optris Latest Developments
- 13.9 AMETEK Land
 - 13.9.1 AMETEK Land Company Information
 - 13.9.2 AMETEK Land Blackbody Sources Product Portfolios and Specifications
 - 13.9.3 AMETEK Land Blackbody Sources Sales, Revenue, Price and Gross Margin
(2020-2025)
 - 13.9.4 AMETEK Land Main Business Overview
 - 13.9.5 AMETEK Land Latest Developments
- 13.10 Tempsens
 - 13.10.1 Tempsens Company Information
 - 13.10.2 Tempsens Blackbody Sources Product Portfolios and Specifications
 - 13.10.3 Tempsens Blackbody Sources Sales, Revenue, Price and Gross Margin

(2020-2025)

13.10.4 Tempsens Main Business Overview

13.10.5 Tempsens Latest Developments

13.11 Sensortherm

13.11.1 Sensortherm Company Information

13.11.2 Sensortherm Blackbody Sources Product Portfolios and Specifications

13.11.3 Sensortherm Blackbody Sources Sales, Revenue, Price and Gross Margin

(2020-2025)

13.11.4 Sensortherm Main Business Overview

13.11.5 Sensortherm Latest Developments

13.12 Calex Electronics

13.12.1 Calex Electronics Company Information

13.12.2 Calex Electronics Blackbody Sources Product Portfolios and Specifications

13.12.3 Calex Electronics Blackbody Sources Sales, Revenue, Price and Gross

Margin (2020-2025)

13.12.4 Calex Electronics Main Business Overview

13.12.5 Calex Electronics Latest Developments

13.13 HETRONICS

13.13.1 HETRONICS Company Information

13.13.2 HETRONICS Blackbody Sources Product Portfolios and Specifications

13.13.3 HETRONICS Blackbody Sources Sales, Revenue, Price and Gross Margin

(2020-2025)

13.13.4 HETRONICS Main Business Overview

13.13.5 HETRONICS Latest Developments

13.14 Bodkin Design & Engineering, LLC

13.14.1 Bodkin Design & Engineering, LLC Company Information

13.14.2 Bodkin Design & Engineering, LLC Blackbody Sources Product Portfolios and Specifications

13.14.3 Bodkin Design & Engineering, LLC Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Bodkin Design & Engineering, LLC Main Business Overview

13.14.5 Bodkin Design & Engineering, LLC Latest Developments

13.15 Newport Electronics Inc

13.15.1 Newport Electronics Inc Company Information

13.15.2 Newport Electronics Inc Blackbody Sources Product Portfolios and Specifications

13.15.3 Newport Electronics Inc Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)

13.15.4 Newport Electronics Inc Main Business Overview

- 13.15.5 Newport Electronics Inc Latest Developments
- 13.16 Advanced Energy
 - 13.16.1 Advanced Energy Company Information
 - 13.16.2 Advanced Energy Blackbody Sources Product Portfolios and Specifications
 - 13.16.3 Advanced Energy Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 Advanced Energy Main Business Overview
 - 13.16.5 Advanced Energy Latest Developments
- 13.17 Measurement Solutions
 - 13.17.1 Measurement Solutions Company Information
 - 13.17.2 Measurement Solutions Blackbody Sources Product Portfolios and Specifications
 - 13.17.3 Measurement Solutions Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.17.4 Measurement Solutions Main Business Overview
 - 13.17.5 Measurement Solutions Latest Developments
- 13.18 Palmer Wahl Instrumentation Group
 - 13.18.1 Palmer Wahl Instrumentation Group Company Information
 - 13.18.2 Palmer Wahl Instrumentation Group Blackbody Sources Product Portfolios and Specifications
 - 13.18.3 Palmer Wahl Instrumentation Group Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.18.4 Palmer Wahl Instrumentation Group Main Business Overview
 - 13.18.5 Palmer Wahl Instrumentation Group Latest Developments
- 13.19 Santa Barbara Infrared, Inc.
 - 13.19.1 Santa Barbara Infrared, Inc. Company Information
 - 13.19.2 Santa Barbara Infrared, Inc. Blackbody Sources Product Portfolios and Specifications
 - 13.19.3 Santa Barbara Infrared, Inc. Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.19.4 Santa Barbara Infrared, Inc. Main Business Overview
 - 13.19.5 Santa Barbara Infrared, Inc. Latest Developments
- 13.20 Guangzhou Riqi Electronic
 - 13.20.1 Guangzhou Riqi Electronic Company Information
 - 13.20.2 Guangzhou Riqi Electronic Blackbody Sources Product Portfolios and Specifications
 - 13.20.3 Guangzhou Riqi Electronic Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.20.4 Guangzhou Riqi Electronic Main Business Overview

- 13.20.5 Guangzhou Riqi Electronic Latest Developments
- 13.21 Leister AG
 - 13.21.1 Leister AG Company Information
 - 13.21.2 Leister AG Blackbody Sources Product Portfolios and Specifications
 - 13.21.3 Leister AG Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.21.4 Leister AG Main Business Overview
 - 13.21.5 Leister AG Latest Developments
- 13.22 Omega Engineering
 - 13.22.1 Omega Engineering Company Information
 - 13.22.2 Omega Engineering Blackbody Sources Product Portfolios and Specifications
 - 13.22.3 Omega Engineering Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.22.4 Omega Engineering Main Business Overview
 - 13.22.5 Omega Engineering Latest Developments
- 13.23 Process Sensors
 - 13.23.1 Process Sensors Company Information
 - 13.23.2 Process Sensors Blackbody Sources Product Portfolios and Specifications
 - 13.23.3 Process Sensors Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.23.4 Process Sensors Main Business Overview
 - 13.23.5 Process Sensors Latest Developments
- 13.24 DIAS Infrared
 - 13.24.1 DIAS Infrared Company Information
 - 13.24.2 DIAS Infrared Blackbody Sources Product Portfolios and Specifications
 - 13.24.3 DIAS Infrared Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.24.4 DIAS Infrared Main Business Overview
 - 13.24.5 DIAS Infrared Latest Developments
- 13.25 Boston Electronics
 - 13.25.1 Boston Electronics Company Information
 - 13.25.2 Boston Electronics Blackbody Sources Product Portfolios and Specifications
 - 13.25.3 Boston Electronics Blackbody Sources Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.25.4 Boston Electronics Main Business Overview
 - 13.25.5 Boston Electronics Latest Developments
- 13.26 Nagman
 - 13.26.1 Nagman Company Information
 - 13.26.2 Nagman Blackbody Sources Product Portfolios and Specifications

13.26.3 Nagman Blackbody Sources Sales, Revenue, Price and Gross Margin
(2020-2025)

13.26.4 Nagman Main Business Overview

13.26.5 Nagman Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Blackbody Sources Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Blackbody Sources Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Hot Plate-Type
- Table 4. Major Players of Cavity-Type
- Table 5. Major Players of Others
- Table 6. Global Blackbody Sources Sales by Type (2020-2025) & (K Units)
- Table 7. Global Blackbody Sources Sales Market Share by Type (2020-2025)
- Table 8. Global Blackbody Sources Revenue by Type (2020-2025) & (\$ million)
- Table 9. Global Blackbody Sources Revenue Market Share by Type (2020-2025)
- Table 10. Global Blackbody Sources Sale Price by Type (2020-2025) & (US\$/Unit)
- Table 11. Global Blackbody Sources Sale by Application (2020-2025) & (K Units)
- Table 12. Global Blackbody Sources Sale Market Share by Application (2020-2025)
- Table 13. Global Blackbody Sources Revenue by Application (2020-2025) & (\$ million)
- Table 14. Global Blackbody Sources Revenue Market Share by Application (2020-2025)
- Table 15. Global Blackbody Sources Sale Price by Application (2020-2025) & (US\$/Unit)
- Table 16. Global Blackbody Sources Sales by Company (2020-2025) & (K Units)
- Table 17. Global Blackbody Sources Sales Market Share by Company (2020-2025)
- Table 18. Global Blackbody Sources Revenue by Company (2020-2025) & (\$ millions)
- Table 19. Global Blackbody Sources Revenue Market Share by Company (2020-2025)
- Table 20. Global Blackbody Sources Sale Price by Company (2020-2025) & (US\$/Unit)
- Table 21. Key Manufacturers Blackbody Sources Producing Area Distribution and Sales Area
- Table 22. Players Blackbody Sources Products Offered
- Table 23. Blackbody Sources Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- Table 24. New Products and Potential Entrants
- Table 25. Market M&A Activity & Strategy
- Table 26. Global Blackbody Sources Sales by Geographic Region (2020-2025) & (K Units)
- Table 27. Global Blackbody Sources Sales Market Share Geographic Region (2020-2025)
- Table 28. Global Blackbody Sources Revenue by Geographic Region (2020-2025) & (\$

millions)

Table 29. Global Blackbody Sources Revenue Market Share by Geographic Region (2020-2025)

Table 30. Global Blackbody Sources Sales by Country/Region (2020-2025) & (K Units)

Table 31. Global Blackbody Sources Sales Market Share by Country/Region (2020-2025)

Table 32. Global Blackbody Sources Revenue by Country/Region (2020-2025) & (\$ millions)

Table 33. Global Blackbody Sources Revenue Market Share by Country/Region (2020-2025)

Table 34. Americas Blackbody Sources Sales by Country (2020-2025) & (K Units)

Table 35. Americas Blackbody Sources Sales Market Share by Country (2020-2025)

Table 36. Americas Blackbody Sources Revenue by Country (2020-2025) & (\$ millions)

Table 37. Americas Blackbody Sources Sales by Type (2020-2025) & (K Units)

Table 38. Americas Blackbody Sources Sales by Application (2020-2025) & (K Units)

Table 39. APAC Blackbody Sources Sales by Region (2020-2025) & (K Units)

Table 40. APAC Blackbody Sources Sales Market Share by Region (2020-2025)

Table 41. APAC Blackbody Sources Revenue by Region (2020-2025) & (\$ millions)

Table 42. APAC Blackbody Sources Sales by Type (2020-2025) & (K Units)

Table 43. APAC Blackbody Sources Sales by Application (2020-2025) & (K Units)

Table 44. Europe Blackbody Sources Sales by Country (2020-2025) & (K Units)

Table 45. Europe Blackbody Sources Revenue by Country (2020-2025) & (\$ millions)

Table 46. Europe Blackbody Sources Sales by Type (2020-2025) & (K Units)

Table 47. Europe Blackbody Sources Sales by Application (2020-2025) & (K Units)

Table 48. Middle East & Africa Blackbody Sources Sales by Country (2020-2025) & (K Units)

Table 49. Middle East & Africa Blackbody Sources Revenue Market Share by Country (2020-2025)

Table 50. Middle East & Africa Blackbody Sources Sales by Type (2020-2025) & (K Units)

Table 51. Middle East & Africa Blackbody Sources Sales by Application (2020-2025) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Blackbody Sources

Table 53. Key Market Challenges & Risks of Blackbody Sources

Table 54. Key Industry Trends of Blackbody Sources

Table 55. Blackbody Sources Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Blackbody Sources Distributors List

Table 58. Blackbody Sources Customer List

Table 59. Global Blackbody Sources Sales Forecast by Region (2026-2031) & (K Units)

Table 60. Global Blackbody Sources Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 61. Americas Blackbody Sources Sales Forecast by Country (2026-2031) & (K Units)

Table 62. Americas Blackbody Sources Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 63. APAC Blackbody Sources Sales Forecast by Region (2026-2031) & (K Units)

Table 64. APAC Blackbody Sources Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 65. Europe Blackbody Sources Sales Forecast by Country (2026-2031) & (K Units)

Table 66. Europe Blackbody Sources Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 67. Middle East & Africa Blackbody Sources Sales Forecast by Country (2026-2031) & (K Units)

Table 68. Middle East & Africa Blackbody Sources Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Global Blackbody Sources Sales Forecast by Type (2026-2031) & (K Units)

Table 70. Global Blackbody Sources Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 71. Global Blackbody Sources Sales Forecast by Application (2026-2031) & (K Units)

Table 72. Global Blackbody Sources Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 73. CI Systems Inc. Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 74. CI Systems Inc. Blackbody Sources Product Portfolios and Specifications

Table 75. CI Systems Inc. Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 76. CI Systems Inc. Main Business

Table 77. CI Systems Inc. Latest Developments

Table 78. Infrared Systems Development Corporation (ISDC) Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 79. Infrared Systems Development Corporation (ISDC) Blackbody Sources Product Portfolios and Specifications

Table 80. Infrared Systems Development Corporation (ISDC) Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 81. Infrared Systems Development Corporation (ISDC) Main Business

Table 82. Infrared Systems Development Corporation (ISDC) Latest Developments
Table 83. HGH Infrared Systems Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors
Table 84. HGH Infrared Systems Blackbody Sources Product Portfolios and Specifications
Table 85. HGH Infrared Systems Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
Table 86. HGH Infrared Systems Main Business
Table 87. HGH Infrared Systems Latest Developments
Table 88. Accurate Sensors Technologies Pvt Ltd Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors
Table 89. Accurate Sensors Technologies Pvt Ltd Blackbody Sources Product Portfolios and Specifications
Table 90. Accurate Sensors Technologies Pvt Ltd Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
Table 91. Accurate Sensors Technologies Pvt Ltd Main Business
Table 92. Accurate Sensors Technologies Pvt Ltd Latest Developments
Table 93. Isotech Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors
Table 94. Isotech Blackbody Sources Product Portfolios and Specifications
Table 95. Isotech Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
Table 96. Isotech Main Business
Table 97. Isotech Latest Developments
Table 98. CHINO CORPORATION Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors
Table 99. CHINO CORPORATION Blackbody Sources Product Portfolios and Specifications
Table 100. CHINO CORPORATION Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
Table 101. CHINO CORPORATION Main Business
Table 102. CHINO CORPORATION Latest Developments
Table 103. Fluke Calibration Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors
Table 104. Fluke Calibration Blackbody Sources Product Portfolios and Specifications
Table 105. Fluke Calibration Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
Table 106. Fluke Calibration Main Business
Table 107. Fluke Calibration Latest Developments

Table 108. Optris Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 109. Optris Blackbody Sources Product Portfolios and Specifications

Table 110. Optris Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 111. Optris Main Business

Table 112. Optris Latest Developments

Table 113. AMETEK Land Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 114. AMETEK Land Blackbody Sources Product Portfolios and Specifications

Table 115. AMETEK Land Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 116. AMETEK Land Main Business

Table 117. AMETEK Land Latest Developments

Table 118. Tempsens Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 119. Tempsens Blackbody Sources Product Portfolios and Specifications

Table 120. Tempsens Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 121. Tempsens Main Business

Table 122. Tempsens Latest Developments

Table 123. Sensortherm Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 124. Sensortherm Blackbody Sources Product Portfolios and Specifications

Table 125. Sensortherm Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 126. Sensortherm Main Business

Table 127. Sensortherm Latest Developments

Table 128. Calnex Electronics Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 129. Calnex Electronics Blackbody Sources Product Portfolios and Specifications

Table 130. Calnex Electronics Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 131. Calnex Electronics Main Business

Table 132. Calnex Electronics Latest Developments

Table 133. HETRONICS Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 134. HETRONICS Blackbody Sources Product Portfolios and Specifications

Table 135. HETRONICS Blackbody Sources Sales (K Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2020-2025)

Table 136. HETRONICS Main Business

Table 137. HETRONICS Latest Developments

Table 138. Bodkin Design & Engineering, LLC Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 139. Bodkin Design & Engineering, LLC Blackbody Sources Product Portfolios and Specifications

Table 140. Bodkin Design & Engineering, LLC Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 141. Bodkin Design & Engineering, LLC Main Business

Table 142. Bodkin Design & Engineering, LLC Latest Developments

Table 143. Newport Electronics Inc Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 144. Newport Electronics Inc Blackbody Sources Product Portfolios and Specifications

Table 145. Newport Electronics Inc Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 146. Newport Electronics Inc Main Business

Table 147. Newport Electronics Inc Latest Developments

Table 148. Advanced Energy Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 149. Advanced Energy Blackbody Sources Product Portfolios and Specifications

Table 150. Advanced Energy Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 151. Advanced Energy Main Business

Table 152. Advanced Energy Latest Developments

Table 153. Measurement Solutions Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 154. Measurement Solutions Blackbody Sources Product Portfolios and Specifications

Table 155. Measurement Solutions Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 156. Measurement Solutions Main Business

Table 157. Measurement Solutions Latest Developments

Table 158. Palmer Wahl Instrumentation Group Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 159. Palmer Wahl Instrumentation Group Blackbody Sources Product Portfolios and Specifications

Table 160. Palmer Wahl Instrumentation Group Blackbody Sources Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 161. Palmer Wahl Instrumentation Group Main Business

Table 162. Palmer Wahl Instrumentation Group Latest Developments

Table 163. Santa Barbara Infrared, Inc. Basic Information, Blackbody Sources
Manufacturing Base, Sales Area and Its Competitors

Table 164. Santa Barbara Infrared, Inc. Blackbody Sources Product Portfolios and
Specifications

Table 165. Santa Barbara Infrared, Inc. Blackbody Sources Sales (K Units), Revenue (\$
Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 166. Santa Barbara Infrared, Inc. Main Business

Table 167. Santa Barbara Infrared, Inc. Latest Developments

Table 168. Guangzhou Riqi Electronic Basic Information, Blackbody Sources
Manufacturing Base, Sales Area and Its Competitors

Table 169. Guangzhou Riqi Electronic Blackbody Sources Product Portfolios and
Specifications

Table 170. Guangzhou Riqi Electronic Blackbody Sources Sales (K Units), Revenue (\$
Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 171. Guangzhou Riqi Electronic Main Business

Table 172. Guangzhou Riqi Electronic Latest Developments

Table 173. Leister AG Basic Information, Blackbody Sources Manufacturing Base,
Sales Area and Its Competitors

Table 174. Leister AG Blackbody Sources Product Portfolios and Specifications

Table 175. Leister AG Blackbody Sources Sales (K Units), Revenue (\$ Million), Price
(US\$/Unit) and Gross Margin (2020-2025)

Table 176. Leister AG Main Business

Table 177. Leister AG Latest Developments

Table 178. Omega Engineering Basic Information, Blackbody Sources Manufacturing
Base, Sales Area and Its Competitors

Table 179. Omega Engineering Blackbody Sources Product Portfolios and
Specifications

Table 180. Omega Engineering Blackbody Sources Sales (K Units), Revenue (\$
Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 181. Omega Engineering Main Business

Table 182. Omega Engineering Latest Developments

Table 183. Process Sensors Basic Information, Blackbody Sources Manufacturing
Base, Sales Area and Its Competitors

Table 184. Process Sensors Blackbody Sources Product Portfolios and Specifications

Table 185. Process Sensors Blackbody Sources Sales (K Units), Revenue (\$ Million),
Price (US\$/Unit) and Gross Margin (2020-2025)

Table 186. Process Sensors Main Business

Table 187. Process Sensors Latest Developments

Table 188. DIAS Infrared Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 189. DIAS Infrared Blackbody Sources Product Portfolios and Specifications

Table 190. DIAS Infrared Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 191. DIAS Infrared Main Business

Table 192. DIAS Infrared Latest Developments

Table 193. Boston Electronics Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 194. Boston Electronics Blackbody Sources Product Portfolios and Specifications

Table 195. Boston Electronics Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 196. Boston Electronics Main Business

Table 197. Boston Electronics Latest Developments

Table 198. Nagman Basic Information, Blackbody Sources Manufacturing Base, Sales Area and Its Competitors

Table 199. Nagman Blackbody Sources Product Portfolios and Specifications

Table 200. Nagman Blackbody Sources Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 201. Nagman Main Business

Table 202. Nagman Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Blackbody Sources
- Figure 2. Blackbody Sources Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Blackbody Sources Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Blackbody Sources Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Blackbody Sources Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Blackbody Sources Sales Market Share by Country/Region (2024)
- Figure 10. Blackbody Sources Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Hot Plate-Type
- Figure 12. Product Picture of Cavity-Type
- Figure 13. Product Picture of Others
- Figure 14. Global Blackbody Sources Sales Market Share by Type in 2025
- Figure 15. Global Blackbody Sources Revenue Market Share by Type (2020-2025)
- Figure 16. Blackbody Sources Consumed in Aerospace
- Figure 17. Global Blackbody Sources Market: Aerospace (2020-2025) & (K Units)
- Figure 18. Blackbody Sources Consumed in Pharmaceutical
- Figure 19. Global Blackbody Sources Market: Pharmaceutical (2020-2025) & (K Units)
- Figure 20. Blackbody Sources Consumed in Power Generation
- Figure 21. Global Blackbody Sources Market: Power Generation (2020-2025) & (K Units)
- Figure 22. Blackbody Sources Consumed in Semiconductor
- Figure 23. Global Blackbody Sources Market: Semiconductor (2020-2025) & (K Units)
- Figure 24. Blackbody Sources Consumed in Others
- Figure 25. Global Blackbody Sources Market: Others (2020-2025) & (K Units)
- Figure 26. Global Blackbody Sources Sale Market Share by Application (2024)
- Figure 27. Global Blackbody Sources Revenue Market Share by Application in 2025
- Figure 28. Blackbody Sources Sales by Company in 2025 (K Units)
- Figure 29. Global Blackbody Sources Sales Market Share by Company in 2025
- Figure 30. Blackbody Sources Revenue by Company in 2025 (\$ millions)
- Figure 31. Global Blackbody Sources Revenue Market Share by Company in 2025
- Figure 32. Global Blackbody Sources Sales Market Share by Geographic Region

(2020-2025)

Figure 33. Global Blackbody Sources Revenue Market Share by Geographic Region in 2025

Figure 34. Americas Blackbody Sources Sales 2020-2025 (K Units)

Figure 35. Americas Blackbody Sources Revenue 2020-2025 (\$ millions)

Figure 36. APAC Blackbody Sources Sales 2020-2025 (K Units)

Figure 37. APAC Blackbody Sources Revenue 2020-2025 (\$ millions)

Figure 38. Europe Blackbody Sources Sales 2020-2025 (K Units)

Figure 39. Europe Blackbody Sources Revenue 2020-2025 (\$ millions)

Figure 40. Middle East & Africa Blackbody Sources Sales 2020-2025 (K Units)

Figure 41. Middle East & Africa Blackbody Sources Revenue 2020-2025 (\$ millions)

Figure 42. Americas Blackbody Sources Sales Market Share by Country in 2025

Figure 43. Americas Blackbody Sources Revenue Market Share by Country (2020-2025)

Figure 44. Americas Blackbody Sources Sales Market Share by Type (2020-2025)

Figure 45. Americas Blackbody Sources Sales Market Share by Application (2020-2025)

Figure 46. United States Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 47. Canada Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 48. Mexico Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 49. Brazil Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 50. APAC Blackbody Sources Sales Market Share by Region in 2025

Figure 51. APAC Blackbody Sources Revenue Market Share by Region (2020-2025)

Figure 52. APAC Blackbody Sources Sales Market Share by Type (2020-2025)

Figure 53. APAC Blackbody Sources Sales Market Share by Application (2020-2025)

Figure 54. China Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 55. Japan Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 56. South Korea Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 57. Southeast Asia Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 58. India Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 59. Australia Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 60. China Taiwan Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 61. Europe Blackbody Sources Sales Market Share by Country in 2025

Figure 62. Europe Blackbody Sources Revenue Market Share by Country (2020-2025)

Figure 63. Europe Blackbody Sources Sales Market Share by Type (2020-2025)

Figure 64. Europe Blackbody Sources Sales Market Share by Application (2020-2025)

Figure 65. Germany Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 66. France Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

Figure 67. UK Blackbody Sources Revenue Growth 2020-2025 (\$ millions)

- Figure 68. Italy Blackbody Sources Revenue Growth 2020-2025 (\$ millions)
- Figure 69. Russia Blackbody Sources Revenue Growth 2020-2025 (\$ millions)
- Figure 70. Middle East & Africa Blackbody Sources Sales Market Share by Country (2020-2025)
- Figure 71. Middle East & Africa Blackbody Sources Sales Market Share by Type (2020-2025)
- Figure 72. Middle East & Africa Blackbody Sources Sales Market Share by Application (2020-2025)
- Figure 73. Egypt Blackbody Sources Revenue Growth 2020-2025 (\$ millions)
- Figure 74. South Africa Blackbody Sources Revenue Growth 2020-2025 (\$ millions)
- Figure 75. Israel Blackbody Sources Revenue Growth 2020-2025 (\$ millions)
- Figure 76. Turkey Blackbody Sources Revenue Growth 2020-2025 (\$ millions)
- Figure 77. GCC Countries Blackbody Sources Revenue Growth 2020-2025 (\$ millions)
- Figure 78. Manufacturing Cost Structure Analysis of Blackbody Sources in 2025
- Figure 79. Manufacturing Process Analysis of Blackbody Sources
- Figure 80. Industry Chain Structure of Blackbody Sources
- Figure 81. Channels of Distribution
- Figure 82. Global Blackbody Sources Sales Market Forecast by Region (2026-2031)
- Figure 83. Global Blackbody Sources Revenue Market Share Forecast by Region (2026-2031)
- Figure 84. Global Blackbody Sources Sales Market Share Forecast by Type (2026-2031)
- Figure 85. Global Blackbody Sources Revenue Market Share Forecast by Type (2026-2031)
- Figure 86. Global Blackbody Sources Sales Market Share Forecast by Application (2026-2031)
- Figure 87. Global Blackbody Sources Revenue Market Share Forecast by Application (2026-2031)

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