

# Global Automatic Refrigerant Charging Machine Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G2097A8F09AAEN.html>

Date: November 2023

Pages: 140

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

ID: G2097A8F09AAEN

## Abstracts

The global Automatic Refrigerant Charging Machine market size is expected to reach \$ 75 million by 2029, rising at a market growth of 3.2% CAGR during the forecast period (2023-2029).

The refrigerant charging unit consists of a booster pump, mass flow-meter, control board and a charging gun. It is designed to fill the works continuously with refrigerant that is supplied in the form of pressurized liquid.

This report studies the global Automatic Refrigerant Charging Machine production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automatic Refrigerant Charging Machine, 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 Automatic Refrigerant Charging Machine that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automatic Refrigerant Charging Machine total production and demand, 2018-2029, (K Units)

Global Automatic Refrigerant Charging Machine total production value, 2018-2029, (USD Million)

Global Automatic Refrigerant Charging Machine production by region & country,

production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automatic Refrigerant Charging Machine consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Automatic Refrigerant Charging Machine domestic production, consumption, key domestic manufacturers and share

Global Automatic Refrigerant Charging Machine production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automatic Refrigerant Charging Machine production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automatic Refrigerant Charging Machine production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Automatic Refrigerant Charging Machine 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 Ulvac, AGRAMKOW, Galileo TP Process Equipment, Fives Group, CACL, Serv-I-Quip, Chunmu, Sanmi and VTech Process 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 Automatic Refrigerant Charging Machine market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K 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 Automatic Refrigerant Charging Machine Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Automatic Refrigerant Charging Machine Market, Segmentation by Type

Flammable Refrigerant Charging Equipment

Non-Flammable Refrigerant Charging Equipment

Refrigerant Cylinder Filling Equipment

#### Global Automatic Refrigerant Charging Machine Market, Segmentation by Application

HVAC

Automotive Air Conditioning

Others

#### Companies Profiled:

Ulvac

AGRAMKOW

Galileo TP Process Equipment

Fives Group

CACL

Serv-I-Quip

Chunmu

Sanmi

VTech Process Equipment

FT Future Technologies

### Key Questions Answered

1. How big is the global Automatic Refrigerant Charging Machine market?
2. What is the demand of the global Automatic Refrigerant Charging Machine market?
3. What is the year over year growth of the global Automatic Refrigerant Charging Machine market?
4. What is the production and production value of the global Automatic Refrigerant Charging Machine market?
5. Who are the key producers in the global Automatic Refrigerant Charging Machine market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Automatic Refrigerant Charging Machine Introduction
- 1.2 World Automatic Refrigerant Charging Machine Supply & Forecast
  - 1.2.1 World Automatic Refrigerant Charging Machine Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Automatic Refrigerant Charging Machine Production (2018-2029)
  - 1.2.3 World Automatic Refrigerant Charging Machine Pricing Trends (2018-2029)
- 1.3 World Automatic Refrigerant Charging Machine Production by Region (Based on Production Site)
  - 1.3.1 World Automatic Refrigerant Charging Machine Production Value by Region (2018-2029)
  - 1.3.2 World Automatic Refrigerant Charging Machine Production by Region (2018-2029)
  - 1.3.3 World Automatic Refrigerant Charging Machine Average Price by Region (2018-2029)
  - 1.3.4 North America Automatic Refrigerant Charging Machine Production (2018-2029)
  - 1.3.5 Europe Automatic Refrigerant Charging Machine Production (2018-2029)
  - 1.3.6 China Automatic Refrigerant Charging Machine Production (2018-2029)
  - 1.3.7 Japan Automatic Refrigerant Charging Machine Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Automatic Refrigerant Charging Machine Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Automatic Refrigerant Charging Machine Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Automatic Refrigerant Charging Machine Demand (2018-2029)
- 2.2 World Automatic Refrigerant Charging Machine Consumption by Region
  - 2.2.1 World Automatic Refrigerant Charging Machine Consumption by Region (2018-2023)
  - 2.2.2 World Automatic Refrigerant Charging Machine Consumption Forecast by Region (2024-2029)
- 2.3 United States Automatic Refrigerant Charging Machine Consumption (2018-2029)
- 2.4 China Automatic Refrigerant Charging Machine Consumption (2018-2029)
- 2.5 Europe Automatic Refrigerant Charging Machine Consumption (2018-2029)
- 2.6 Japan Automatic Refrigerant Charging Machine Consumption (2018-2029)

- 2.7 South Korea Automatic Refrigerant Charging Machine Consumption (2018-2029)
- 2.8 ASEAN Automatic Refrigerant Charging Machine Consumption (2018-2029)
- 2.9 India Automatic Refrigerant Charging Machine Consumption (2018-2029)

### **3 WORLD AUTOMATIC REFRIGERANT CHARGING MACHINE MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Automatic Refrigerant Charging Machine Production Value by Manufacturer (2018-2023)

3.2 World Automatic Refrigerant Charging Machine Production by Manufacturer (2018-2023)

3.3 World Automatic Refrigerant Charging Machine Average Price by Manufacturer (2018-2023)

3.4 Automatic Refrigerant Charging Machine Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Automatic Refrigerant Charging Machine Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Automatic Refrigerant Charging Machine in 2022

3.5.3 Global Concentration Ratios (CR8) for Automatic Refrigerant Charging Machine in 2022

3.6 Automatic Refrigerant Charging Machine Market: Overall Company Footprint Analysis

3.6.1 Automatic Refrigerant Charging Machine Market: Region Footprint

3.6.2 Automatic Refrigerant Charging Machine Market: Company Product Type Footprint

3.6.3 Automatic Refrigerant Charging Machine 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: Automatic Refrigerant Charging Machine Production Value Comparison

4.1.1 United States VS China: Automatic Refrigerant Charging Machine Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Automatic Refrigerant Charging Machine Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Automatic Refrigerant Charging Machine Production Comparison

4.2.1 United States VS China: Automatic Refrigerant Charging Machine Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Automatic Refrigerant Charging Machine Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Automatic Refrigerant Charging Machine Consumption Comparison

4.3.1 United States VS China: Automatic Refrigerant Charging Machine Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Automatic Refrigerant Charging Machine Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Automatic Refrigerant Charging Machine Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Automatic Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Automatic Refrigerant Charging Machine Production Value (2018-2023)

4.4.3 United States Based Manufacturers Automatic Refrigerant Charging Machine Production (2018-2023)

4.5 China Based Automatic Refrigerant Charging Machine Manufacturers and Market Share

4.5.1 China Based Automatic Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Automatic Refrigerant Charging Machine Production Value (2018-2023)

4.5.3 China Based Manufacturers Automatic Refrigerant Charging Machine Production (2018-2023)

4.6 Rest of World Based Automatic Refrigerant Charging Machine Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Automatic Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Automatic Refrigerant Charging Machine Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Automatic Refrigerant Charging Machine

Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Automatic Refrigerant Charging Machine Market Size Overview by Type:  
2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Flammable Refrigerant Charging Equipment

5.2.2 Non-Flammable Refrigerant Charging Equipment

5.2.3 Refrigerant Cylinder Filling Equipment

5.3 Market Segment by Type

5.3.1 World Automatic Refrigerant Charging Machine Production by Type (2018-2029)

5.3.2 World Automatic Refrigerant Charging Machine Production Value by Type  
(2018-2029)

5.3.3 World Automatic Refrigerant Charging Machine Average Price by Type  
(2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Automatic Refrigerant Charging Machine Market Size Overview by  
Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 HVAC

6.2.2 Automotive Air Conditioning

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Automatic Refrigerant Charging Machine Production by Application  
(2018-2029)

6.3.2 World Automatic Refrigerant Charging Machine Production Value by Application  
(2018-2029)

6.3.3 World Automatic Refrigerant Charging Machine Average Price by Application  
(2018-2029)

## **7 COMPANY PROFILES**

7.1 Ulvac

7.1.1 Ulvac Details

7.1.2 Ulvac Major Business

7.1.3 Ulvac Automatic Refrigerant Charging Machine Product and Services



- 7.1.4 Ulvac Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Ulvac Recent Developments/Updates
- 7.1.6 Ulvac Competitive Strengths & Weaknesses
- 7.2 AGRAMKOW
  - 7.2.1 AGRAMKOW Details
  - 7.2.2 AGRAMKOW Major Business
  - 7.2.3 AGRAMKOW Automatic Refrigerant Charging Machine Product and Services
  - 7.2.4 AGRAMKOW Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.2.5 AGRAMKOW Recent Developments/Updates
  - 7.2.6 AGRAMKOW Competitive Strengths & Weaknesses
- 7.3 Galileo TP Process Equipment
  - 7.3.1 Galileo TP Process Equipment Details
  - 7.3.2 Galileo TP Process Equipment Major Business
  - 7.3.3 Galileo TP Process Equipment Automatic Refrigerant Charging Machine Product and Services
  - 7.3.4 Galileo TP Process Equipment Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.3.5 Galileo TP Process Equipment Recent Developments/Updates
  - 7.3.6 Galileo TP Process Equipment Competitive Strengths & Weaknesses
- 7.4 Fives Group
  - 7.4.1 Fives Group Details
  - 7.4.2 Fives Group Major Business
  - 7.4.3 Fives Group Automatic Refrigerant Charging Machine Product and Services
  - 7.4.4 Fives Group Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Fives Group Recent Developments/Updates
  - 7.4.6 Fives Group Competitive Strengths & Weaknesses
- 7.5 CACL
  - 7.5.1 CACL Details
  - 7.5.2 CACL Major Business
  - 7.5.3 CACL Automatic Refrigerant Charging Machine Product and Services
  - 7.5.4 CACL Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 CACL Recent Developments/Updates
  - 7.5.6 CACL Competitive Strengths & Weaknesses
- 7.6 Serv-I-Quip
  - 7.6.1 Serv-I-Quip Details

- 7.6.2 Serv-I-Quip Major Business
- 7.6.3 Serv-I-Quip Automatic Refrigerant Charging Machine Product and Services
- 7.6.4 Serv-I-Quip Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.6.5 Serv-I-Quip Recent Developments/Updates
- 7.6.6 Serv-I-Quip Competitive Strengths & Weaknesses
- 7.7 Chunmu
  - 7.7.1 Chunmu Details
  - 7.7.2 Chunmu Major Business
  - 7.7.3 Chunmu Automatic Refrigerant Charging Machine Product and Services
  - 7.7.4 Chunmu Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Chunmu Recent Developments/Updates
  - 7.7.6 Chunmu Competitive Strengths & Weaknesses
- 7.8 Sanmi
  - 7.8.1 Sanmi Details
  - 7.8.2 Sanmi Major Business
  - 7.8.3 Sanmi Automatic Refrigerant Charging Machine Product and Services
  - 7.8.4 Sanmi Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Sanmi Recent Developments/Updates
  - 7.8.6 Sanmi Competitive Strengths & Weaknesses
- 7.9 VTech Process Equipment
  - 7.9.1 VTech Process Equipment Details
  - 7.9.2 VTech Process Equipment Major Business
  - 7.9.3 VTech Process Equipment Automatic Refrigerant Charging Machine Product and Services
  - 7.9.4 VTech Process Equipment Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 VTech Process Equipment Recent Developments/Updates
  - 7.9.6 VTech Process Equipment Competitive Strengths & Weaknesses
- 7.10 FT Future Technologies
  - 7.10.1 FT Future Technologies Details
  - 7.10.2 FT Future Technologies Major Business
  - 7.10.3 FT Future Technologies Automatic Refrigerant Charging Machine Product and Services
  - 7.10.4 FT Future Technologies Automatic Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 FT Future Technologies Recent Developments/Updates

#### 7.10.6 FT Future Technologies Competitive Strengths & Weaknesses

### **8 INDUSTRY CHAIN ANALYSIS**

#### 8.1 Automatic Refrigerant Charging Machine Industry Chain

#### 8.2 Automatic Refrigerant Charging Machine Upstream Analysis

##### 8.2.1 Automatic Refrigerant Charging Machine Core Raw Materials

##### 8.2.2 Main Manufacturers of Automatic Refrigerant Charging Machine Core Raw Materials

#### 8.3 Midstream Analysis

#### 8.4 Downstream Analysis

#### 8.5 Automatic Refrigerant Charging Machine Production Mode

#### 8.6 Automatic Refrigerant Charging Machine Procurement Model

#### 8.7 Automatic Refrigerant Charging Machine Industry Sales Model and Sales Channels

##### 8.7.1 Automatic Refrigerant Charging Machine Sales Model

##### 8.7.2 Automatic Refrigerant Charging Machine 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 Automatic Refrigerant Charging Machine Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Automatic Refrigerant Charging Machine Production Value by Region (2018-2023) & (USD Million)

Table 3. World Automatic Refrigerant Charging Machine Production Value by Region (2024-2029) & (USD Million)

Table 4. World Automatic Refrigerant Charging Machine Production Value Market Share by Region (2018-2023)

Table 5. World Automatic Refrigerant Charging Machine Production Value Market Share by Region (2024-2029)

Table 6. World Automatic Refrigerant Charging Machine Production by Region (2018-2023) & (K Units)

Table 7. World Automatic Refrigerant Charging Machine Production by Region (2024-2029) & (K Units)

Table 8. World Automatic Refrigerant Charging Machine Production Market Share by Region (2018-2023)

Table 9. World Automatic Refrigerant Charging Machine Production Market Share by Region (2024-2029)

Table 10. World Automatic Refrigerant Charging Machine Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Automatic Refrigerant Charging Machine Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Automatic Refrigerant Charging Machine Major Market Trends

Table 13. World Automatic Refrigerant Charging Machine Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Automatic Refrigerant Charging Machine Consumption by Region (2018-2023) & (K Units)

Table 15. World Automatic Refrigerant Charging Machine Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Automatic Refrigerant Charging Machine Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Automatic Refrigerant Charging Machine Producers in 2022

Table 18. World Automatic Refrigerant Charging Machine Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Automatic Refrigerant Charging Machine Producers in 2022

Table 20. World Automatic Refrigerant Charging Machine Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Automatic Refrigerant Charging Machine Company Evaluation Quadrant

Table 22. World Automatic Refrigerant Charging Machine Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Automatic Refrigerant Charging Machine Production Site of Key Manufacturer

Table 24. Automatic Refrigerant Charging Machine Market: Company Product Type Footprint

Table 25. Automatic Refrigerant Charging Machine Market: Company Product Application Footprint

Table 26. Automatic Refrigerant Charging Machine Competitive Factors

Table 27. Automatic Refrigerant Charging Machine New Entrant and Capacity Expansion Plans

Table 28. Automatic Refrigerant Charging Machine Mergers & Acquisitions Activity

Table 29. United States VS China Automatic Refrigerant Charging Machine Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Automatic Refrigerant Charging Machine Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Automatic Refrigerant Charging Machine Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Automatic Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Automatic Refrigerant Charging Machine Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Automatic Refrigerant Charging Machine Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Automatic Refrigerant Charging Machine Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Automatic Refrigerant Charging Machine Production Market Share (2018-2023)

Table 37. China Based Automatic Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Automatic Refrigerant Charging Machine Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Automatic Refrigerant Charging Machine

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Automatic Refrigerant Charging Machine Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Automatic Refrigerant Charging Machine Production Market Share (2018-2023)

Table 42. Rest of World Based Automatic Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Automatic Refrigerant Charging Machine Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Automatic Refrigerant Charging Machine Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Automatic Refrigerant Charging Machine Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Automatic Refrigerant Charging Machine Production Market Share (2018-2023)

Table 47. World Automatic Refrigerant Charging Machine Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Automatic Refrigerant Charging Machine Production by Type (2018-2023) & (K Units)

Table 49. World Automatic Refrigerant Charging Machine Production by Type (2024-2029) & (K Units)

Table 50. World Automatic Refrigerant Charging Machine Production Value by Type (2018-2023) & (USD Million)

Table 51. World Automatic Refrigerant Charging Machine Production Value by Type (2024-2029) & (USD Million)

Table 52. World Automatic Refrigerant Charging Machine Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Automatic Refrigerant Charging Machine Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Automatic Refrigerant Charging Machine Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Automatic Refrigerant Charging Machine Production by Application (2018-2023) & (K Units)

Table 56. World Automatic Refrigerant Charging Machine Production by Application (2024-2029) & (K Units)

Table 57. World Automatic Refrigerant Charging Machine Production Value by Application (2018-2023) & (USD Million)

Table 58. World Automatic Refrigerant Charging Machine Production Value by Application (2024-2029) & (USD Million)

Table 59. World Automatic Refrigerant Charging Machine Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Automatic Refrigerant Charging Machine Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Ulvac Basic Information, Manufacturing Base and Competitors

Table 62. Ulvac Major Business

Table 63. Ulvac Automatic Refrigerant Charging Machine Product and Services

Table 64. Ulvac Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Ulvac Recent Developments/Updates

Table 66. Ulvac Competitive Strengths & Weaknesses

Table 67. AGRAMKOW Basic Information, Manufacturing Base and Competitors

Table 68. AGRAMKOW Major Business

Table 69. AGRAMKOW Automatic Refrigerant Charging Machine Product and Services

Table 70. AGRAMKOW Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. AGRAMKOW Recent Developments/Updates

Table 72. AGRAMKOW Competitive Strengths & Weaknesses

Table 73. Galileo TP Process Equipment Basic Information, Manufacturing Base and Competitors

Table 74. Galileo TP Process Equipment Major Business

Table 75. Galileo TP Process Equipment Automatic Refrigerant Charging Machine Product and Services

Table 76. Galileo TP Process Equipment Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Galileo TP Process Equipment Recent Developments/Updates

Table 78. Galileo TP Process Equipment Competitive Strengths & Weaknesses

Table 79. Fives Group Basic Information, Manufacturing Base and Competitors

Table 80. Fives Group Major Business

Table 81. Fives Group Automatic Refrigerant Charging Machine Product and Services

Table 82. Fives Group Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Fives Group Recent Developments/Updates

Table 84. Fives Group Competitive Strengths & Weaknesses

Table 85. CAEL Basic Information, Manufacturing Base and Competitors

Table 86. CACL Major Business

Table 87. CACL Automatic Refrigerant Charging Machine Product and Services

Table 88. CACL Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. CACL Recent Developments/Updates

Table 90. CACL Competitive Strengths & Weaknesses

Table 91. Serv-I-Quip Basic Information, Manufacturing Base and Competitors

Table 92. Serv-I-Quip Major Business

Table 93. Serv-I-Quip Automatic Refrigerant Charging Machine Product and Services

Table 94. Serv-I-Quip Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Serv-I-Quip Recent Developments/Updates

Table 96. Serv-I-Quip Competitive Strengths & Weaknesses

Table 97. Chunmu Basic Information, Manufacturing Base and Competitors

Table 98. Chunmu Major Business

Table 99. Chunmu Automatic Refrigerant Charging Machine Product and Services

Table 100. Chunmu Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Chunmu Recent Developments/Updates

Table 102. Chunmu Competitive Strengths & Weaknesses

Table 103. Sanmi Basic Information, Manufacturing Base and Competitors

Table 104. Sanmi Major Business

Table 105. Sanmi Automatic Refrigerant Charging Machine Product and Services

Table 106. Sanmi Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Sanmi Recent Developments/Updates

Table 108. Sanmi Competitive Strengths & Weaknesses

Table 109. VTech Process Equipment Basic Information, Manufacturing Base and Competitors

Table 110. VTech Process Equipment Major Business

Table 111. VTech Process Equipment Automatic Refrigerant Charging Machine Product and Services

Table 112. VTech Process Equipment Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)



Table 113. VTech Process Equipment Recent Developments/Updates

Table 114. FT Future Technologies Basic Information, Manufacturing Base and Competitors

Table 115. FT Future Technologies Major Business

Table 116. FT Future Technologies Automatic Refrigerant Charging Machine Product and Services

Table 117. FT Future Technologies Automatic Refrigerant Charging Machine Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 118. Global Key Players of Automatic Refrigerant Charging Machine Upstream (Raw Materials)

Table 119. Automatic Refrigerant Charging Machine Typical Customers

Table 120. Automatic Refrigerant Charging Machine Typical Distributors

## **LIST OF FIGURE**

Figure 1. Automatic Refrigerant Charging Machine Picture

Figure 2. World Automatic Refrigerant Charging Machine Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Automatic Refrigerant Charging Machine Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Automatic Refrigerant Charging Machine Production (2018-2029) & (K Units)

Figure 5. World Automatic Refrigerant Charging Machine Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Automatic Refrigerant Charging Machine Production Value Market Share by Region (2018-2029)

Figure 7. World Automatic Refrigerant Charging Machine Production Market Share by Region (2018-2029)

Figure 8. North America Automatic Refrigerant Charging Machine Production (2018-2029) & (K Units)

Figure 9. Europe Automatic Refrigerant Charging Machine Production (2018-2029) & (K Units)

Figure 10. China Automatic Refrigerant Charging Machine Production (2018-2029) & (K Units)

Figure 11. Japan Automatic Refrigerant Charging Machine Production (2018-2029) & (K Units)

Figure 12. Automatic Refrigerant Charging Machine Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 15. World Automatic Refrigerant Charging Machine Consumption Market Share by Region (2018-2029)

Figure 16. United States Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 17. China Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 18. Europe Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 19. Japan Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 20. South Korea Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 21. ASEAN Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 22. India Automatic Refrigerant Charging Machine Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Automatic Refrigerant Charging Machine by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Automatic Refrigerant Charging Machine Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Automatic Refrigerant Charging Machine Markets in 2022

Figure 26. United States VS China: Automatic Refrigerant Charging Machine Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Automatic Refrigerant Charging Machine Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Automatic Refrigerant Charging Machine Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Automatic Refrigerant Charging Machine Production Market Share 2022

Figure 30. China Based Manufacturers Automatic Refrigerant Charging Machine Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Automatic Refrigerant Charging Machine Production Market Share 2022

Figure 32. World Automatic Refrigerant Charging Machine Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Automatic Refrigerant Charging Machine Production Value Market

Share by Type in 2022

Figure 34. Flammable Refrigerant Charging Equipment

Figure 35. Non-Flammable Refrigerant Charging Equipment

Figure 36. Refrigerant Cylinder Filling Equipment

Figure 37. World Automatic Refrigerant Charging Machine Production Market Share by Type (2018-2029)

Figure 38. World Automatic Refrigerant Charging Machine Production Value Market Share by Type (2018-2029)

Figure 39. World Automatic Refrigerant Charging Machine Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Automatic Refrigerant Charging Machine Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Automatic Refrigerant Charging Machine Production Value Market Share by Application in 2022

Figure 42. HVAC

Figure 43. Automotive Air Conditioning

Figure 44. Others

Figure 45. World Automatic Refrigerant Charging Machine Production Market Share by Application (2018-2029)

Figure 46. World Automatic Refrigerant Charging Machine Production Value Market Share by Application (2018-2029)

Figure 47. World Automatic Refrigerant Charging Machine Average Price by Application (2018-2029) & (US\$/Unit)

Figure 48. Automatic Refrigerant Charging Machine Industry Chain

Figure 49. Automatic Refrigerant Charging Machine Procurement Model

Figure 50. Automatic Refrigerant Charging Machine Sales Model

Figure 51. Automatic Refrigerant Charging Machine Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Automatic Refrigerant Charging Machine Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G2097A8F09AAEN.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/G2097A8F09AAEN.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

