

Global Closed System Drug Transfer Device (CSTD) Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIRResearch's in-depth investigation and research, the global Closed System Drug Transfer Device (CSTD) market size will reach 1,220.37 Million USD in 2025 and is projected to reach 3,658.25 Million USD by 2032, with a CAGR of 16.98% (2025-2032). Notably, the China Closed System Drug Transfer Device (CSTD) market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

A Closed System Drug Transfer Device (CSTD) is a specialized medical device designed to provide a safe and effective way to handle hazardous drugs during various pharmaceutical processes, including preparation, administration, and waste disposal. CSTDs are used in healthcare settings, such as hospitals, pharmacies, and oncology units, where healthcare workers come into contact with hazardous drugs, which may include chemotherapy agents and other toxic medications. The device creates a closed and leak-proof system, preventing the escape of hazardous drug vapors, aerosols, and particulates into the environment and reducing the risk of exposure to healthcare personnel. This closed system ensures that the drug remains contained and does not pose a threat to the health and safety of healthcare workers, patients, or caregivers. CSTDs play a vital role in protecting healthcare personnel from occupational exposure to hazardous drugs, contributing to a safer work environment and better overall healthcare outcomes.

The major global manufacturers of Closed System Drug Transfer Device (CSTD) include BD Medical, Equashield, ICU Medical, Corvida Medical, Simplivia Healthcare Ltd., B. Braun, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Closed System Drug Transfer Device (CSTD). Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Closed System Drug Transfer Device (CSTD) market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Closed System Drug Transfer Device (CSTD) market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Closed System Drug Transfer Device (CSTD) industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Closed System Drug Transfer Device (CSTD) Include:

BD Medical

Equashield

ICU Medical

Corvida Medical

Simplivia Healthcare Ltd.

B. Braun

Closed System Drug Transfer Device (CSTD) Product Segment Include:

Closed Vial Access Devices

Closed Syringe Safety Devices

Closed Bag and Line Access Devices

Closed System Drug Transfer Device (CSTD) Product Application Include:

Hospitals

Clinics

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Closed System Drug Transfer Device (CSTD) Industry PESTEL Analysis

Chapter 3: Global Closed System Drug Transfer Device (CSTD) Industry Porter's Five

Forces Analysis

Chapter 4: Global Closed System Drug Transfer Device (CSTD) Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Closed System Drug Transfer Device (CSTD) Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Closed System Drug Transfer Device (CSTD) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Closed System Drug Transfer Device (CSTD) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Closed System Drug Transfer Device (CSTD) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Closed System Drug Transfer Device (CSTD) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Closed System Drug Transfer Device (CSTD) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Closed System Drug Transfer Device (CSTD) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Closed System Drug Transfer Device (CSTD) Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

Contents

1 CLOSED SYSTEM DRUG TRANSFER DEVICE (CSTD) MARKET OVERVIEW

- 1.1 Product Definition and Statistical Scope
- 1.2 Closed System Drug Transfer Device (CSTD) Product by Type
 - 1.2.1 Closed Vial Access Devices
 - 1.2.2 Closed Syringe Safety Devices
 - 1.2.3 Closed Bag and Line Access Devices
- 1.3 Closed System Drug Transfer Device (CSTD) Product by Application
 - 1.3.1 Hospitals
 - 1.3.2 Clinics
- 1.4 Global Closed System Drug Transfer Device (CSTD) Market Revenue and Sales Analysis
 - 1.4.1 Global Closed System Drug Transfer Device (CSTD) Revenue Market Size Analysis (2020-2032)
 - 1.4.2 Global Closed System Drug Transfer Device (CSTD) Sales Market Size Analysis (2020-2032)
 - 1.4.3 Global Closed System Drug Transfer Device (CSTD) Market Sales Price Trend Analysis (2020-2032)
- 1.5 Closed System Drug Transfer Device (CSTD) Industry Trends and Innovation
 - 1.5.1 Closed System Drug Transfer Device (CSTD) Industry Trends and Innovation
 - 1.5.2 Closed System Drug Transfer Device (CSTD) Market Drivers and Challenges

2 CLOSED SYSTEM DRUG TRANSFER DEVICE (CSTD) MARKET PESTEL ANALYSIS

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

3 CLOSED SYSTEM DRUG TRANSFER DEVICE (CSTD) MARKET PORTER'S FIVE FORCES ANALYSIS

- 3.1 Competitive Rivalry
- 3.2 Threat of New Entrants

- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers
- 3.5 Threat of Substitutes

4 GLOBAL CLOSED SYSTEM DRUG TRANSFER DEVICE (CSTD) MARKET ANALYSIS BY REGIONS

- 4.1 Global Closed System Drug Transfer Device (CSTD) Overall Market: 2024 VS 2025 VS 2032
- 4.2 Global Closed System Drug Transfer Device (CSTD) Revenue and Forecast Analysis (2020-2032)
 - 4.2.1 Global Closed System Drug Transfer Device (CSTD) Revenue and Market Share by Region (2020-2025)
 - 4.2.2 Global Closed System Drug Transfer Device (CSTD) Revenue and Market Share Forecast by Region (2026-2032)
- 4.3 Global Closed System Drug Transfer Device (CSTD) Sales and Forecast Analysis (2020-2032)
 - 4.3.1 Global Closed System Drug Transfer Device (CSTD) Sales and Market Share by Region (2020-2025)
 - 4.3.2 Global Closed System Drug Transfer Device (CSTD) Sales and Market Share Forecast by Region (2026-2032)
- 4.4 Global Closed System Drug Transfer Device (CSTD) Sales Price Trend Analysis (2020-2032)

5 GLOBAL CLOSED SYSTEM DRUG TRANSFER DEVICE (CSTD) MARKET SIZE BY TYPE AND APPLICATION

- 5.1 Global Closed System Drug Transfer Device (CSTD) Market Size by Type
 - 5.1.1 Global Closed System Drug Transfer Device (CSTD) Revenue and Forecast Analysis by Type (2020-2032)
 - 5.1.2 Global Closed System Drug Transfer Device (CSTD) Sales and Forecast Analysis by Type (2020-2032)
- 5.2 Global Closed System Drug Transfer Device (CSTD) Market Size by Application
 - 5.2.1 Global Closed System Drug Transfer Device (CSTD) Revenue and Forecast Analysis by Application (2020-2032)
 - 5.2.2 Global Closed System Drug Transfer Device (CSTD) Sales and Forecast Analysis by Application (2020-2032)

6 NORTH AMERICA

6.1 North America Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate Analysis (2020-2032)

6.2 North America Key Manufacturers Analysis

6.3 North America Closed System Drug Transfer Device (CSTD) Market Size by Type

6.3.1 North America Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2032)

6.3.2 North America Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2032)

6.4 North America Closed System Drug Transfer Device (CSTD) Market Size by Application

6.4.1 North America Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2032)

6.4.2 North America Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2032)

6.5 North America Closed System Drug Transfer Device (CSTD) Market Size by Country

6.5.1 US

6.5.2 Canada

7 EUROPE

7.1 Europe Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate Analysis (2020-2032)

7.2 Europe Key Manufacturers Analysis

7.3 Europe Closed System Drug Transfer Device (CSTD) Market Size by Type

7.3.1 Europe Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2032)

7.3.2 Europe Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2032)

7.4 Europe Closed System Drug Transfer Device (CSTD) Market Size by Application

7.4.1 Europe Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2032)

7.4.2 Europe Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2032)

7.5 Europe Closed System Drug Transfer Device (CSTD) Market Size by Country

7.5.1 Germany

7.5.2 France

7.5.3 United Kingdom

- 7.5.4 Italy
- 7.5.5 Spain
- 7.5.6 Benelux

8 CHINA

8.1 China Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate Analysis (2020-2032)

8.2 China Key Manufacturers Analysis

8.3 China Closed System Drug Transfer Device (CSTD) Market Size by Type

8.3.1 China Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2032)

8.3.2 China Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2032)

8.4 China Closed System Drug Transfer Device (CSTD) Market Size by Application

8.4.1 China Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2032)

8.4.2 China Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2032)

9 APAC (EXCL. CHINA)

9.1 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate Analysis (2020-2032)

9.2 APAC (excl. China) Key Manufacturers Analysis

9.3 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Market Size by Type

9.3.1 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2032)

9.3.2 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2032)

9.4 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Market Size by Application

9.4.1 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2032)

9.4.2 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2032)

9.5 APAC (excl. China) Closed System Drug Transfer Device (CSTD) Market Size by Country

9.5.1 Japan

- 9.5.2 South Korea
- 9.5.3 India
- 9.5.4 Australia
- 9.5.5 Southeast Asia

10 LATIN AMERICA

- 10.1 Latin America Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate Analysis (2020-2032)
- 10.2 Latin America Key Manufacturers Analysis
- 10.3 Latin America Closed System Drug Transfer Device (CSTD) Market Size by Type
 - 10.3.1 Latin America Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2032)
 - 10.3.2 Latin America Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2032)
- 10.4 Latin America Closed System Drug Transfer Device (CSTD) Market Size by Application
 - 10.4.1 Latin America Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2032)
 - 10.4.2 Latin America Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2032)
- 10.5 Latin America Closed System Drug Transfer Device (CSTD) Market Size by Country
- 10.6 Latin America Closed System Drug Transfer Device (CSTD) Market Size by Country
 - 10.6.1 Mexico
 - 10.6.2 Brazil

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate Analysis (2020-2032)
- 11.2 Middle East & Africa Key Manufacturers Analysis
- 11.3 Middle East & Africa Closed System Drug Transfer Device (CSTD) Market Size by Type
 - 11.3.1 Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2032)
 - 11.3.2 Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2032)

11.4 Middle East & Africa Closed System Drug Transfer Device (CSTD) Market Size by Application

11.4.1 Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2032)

11.4.2 Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2032)

11.5 Middle East Closed System Drug Transfer Device (CSTD) Market Size by Country

11.5.1 Saudi Arabia

11.5.2 South Africa

12 COMPETITION BY MANUFACTURERS

12.1 Global Closed System Drug Transfer Device (CSTD) Market Sales, Revenue and Price by Key Manufacturers (2021-2025)

12.1.1 Global Closed System Drug Transfer Device (CSTD) Market Sales by Key Manufacturers (2021-2025)

12.1.2 Global Closed System Drug Transfer Device (CSTD) Market Revenue by Key Manufacturers (2021-2025)

12.1.3 Global Closed System Drug Transfer Device (CSTD) Average Sales Price by Manufacturers (2021-2025)

12.2 Closed System Drug Transfer Device (CSTD) Competitive Landscape Analysis and Market Dynamic

12.2.1 Closed System Drug Transfer Device (CSTD) Competitive Landscape Analysis

12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

13 KEY COMPANIES ANALYSIS

13.1 BD Medical

13.1.1 BD Medical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.1.2 BD Medical Closed System Drug Transfer Device (CSTD) Product Portfolio

13.1.3 BD Medical Closed System Drug Transfer Device (CSTD) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.2 Equashield

13.2.1 Equashield Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 Equashield Closed System Drug Transfer Device (CSTD) Product Portfolio

13.2.3 Equashield Closed System Drug Transfer Device (CSTD) Market Data Analysis

(Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.3 ICU Medical

13.3.1 ICU Medical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 ICU Medical Closed System Drug Transfer Device (CSTD) Product Portfolio

13.3.3 ICU Medical Closed System Drug Transfer Device (CSTD) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.4 Corvida Medical

13.4.1 Corvida Medical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.4.2 Corvida Medical Closed System Drug Transfer Device (CSTD) Product Portfolio

13.4.3 Corvida Medical Closed System Drug Transfer Device (CSTD) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.5 Simplivia Healthcare Ltd.

13.5.1 Simplivia Healthcare Ltd. Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.5.2 Simplivia Healthcare Ltd. Closed System Drug Transfer Device (CSTD) Product Portfolio

13.5.3 Simplivia Healthcare Ltd. Closed System Drug Transfer Device (CSTD) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.6 B. Braun

13.6.1 B. Braun Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.6.2 B. Braun Closed System Drug Transfer Device (CSTD) Product Portfolio

13.6.3 B. Braun Closed System Drug Transfer Device (CSTD) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14 INDUSTRY CHAIN ANALYSIS

14.1 Closed System Drug Transfer Device (CSTD) Industry Chain Analysis

14.2 Closed System Drug Transfer Device (CSTD) Industry Raw Material and Suppliers Analysis

14.2.1 Closed System Drug Transfer Device (CSTD) Key Raw Material Supply Analysis

14.2.2 Raw Material Suppliers and Contact Information

14.3 Closed System Drug Transfer Device (CSTD) Typical Downstream Customers

14.4 Closed System Drug Transfer Device (CSTD) Sales Channel Analysis

15 RESEARCH FINDINGS AND CONCLUSION

16 METHODOLOGY AND DATA SOURCE

16.1 Methodology/Research Approach

16.2 Research Scope

16.3 Benchmarks and Assumptions

16.4 Data Source

16.4.1 Primary Sources

16.4.2 Secondary Sources

16.5 Data Cross Validation

16.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1: Global Closed System Drug Transfer Device (CSTD) Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Closed System Drug Transfer Device (CSTD) Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Closed System Drug Transfer Device (CSTD) Industry Development Status

Table 4: Closed System Drug Transfer Device (CSTD) Industry Development Trends

Table 5: Global Closed System Drug Transfer Device (CSTD) Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 6: Global Closed System Drug Transfer Device (CSTD) Revenue by Region (2020-2025) & (US\$ Million)

Table 7: Global Closed System Drug Transfer Device (CSTD) Revenue Market Share by Region (2020-2025)

Table 8: Global Closed System Drug Transfer Device (CSTD) Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 9: Global Closed System Drug Transfer Device (CSTD) Revenue Market Share Forecast by Region (2026-2032)

Table 10: Global Closed System Drug Transfer Device (CSTD) Sales by Region (2020-2025) & (M Unit)

Table 11: Global Closed System Drug Transfer Device (CSTD) Sales Market Share by Region (2020-2025)

Table 12: Global Closed System Drug Transfer Device (CSTD) Sales Forecast by Region (2026-2032) & (M Unit)

Table 13: Global Closed System Drug Transfer Device (CSTD) Sales Market Share Forecast by Region (2026-2032)

Table 14: Global Closed System Drug Transfer Device (CSTD) Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 15: Global Closed System Drug Transfer Device (CSTD) Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 16: Global Closed System Drug Transfer Device (CSTD) Sales Analysis by Type (2020-2025) & (M Unit)

Table 17: Global Closed System Drug Transfer Device (CSTD) Sales Analysis Forecast by Type (2026-2032) & (M Unit)

Table 18: Global Closed System Drug Transfer Device (CSTD) Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 19: Global Closed System Drug Transfer Device (CSTD) Revenue Analysis

Forecast by Application (2026-2032) & (US\$ Million)

Table 20: Global Closed System Drug Transfer Device (CSTD) Sales Analysis by Application (2020-2025) & (M Unit)

Table 21: Global Closed System Drug Transfer Device (CSTD) Sales Analysis Forecast by Application (2026-2032) & (M Unit)

Table 22: Key Closed System Drug Transfer Device (CSTD) Players in North America

Table 23: North America Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2025) & (M Unit)

Table 24: North America Closed System Drug Transfer Device (CSTD) Sales by Type (2026-2032) & (M Unit)

Table 25: North America Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Closed System Drug Transfer Device (CSTD) Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2025) & (M Unit)

Table 28: North America Closed System Drug Transfer Device (CSTD) Sales by Application (2026-2032) & (M Unit)

Table 29: North America Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Closed System Drug Transfer Device (CSTD) Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Closed System Drug Transfer Device (CSTD) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Closed System Drug Transfer Device (CSTD) Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Closed System Drug Transfer Device (CSTD) Sales Market Size by Country (2020-2025) & (M Unit)

Table 34: North America Closed System Drug Transfer Device (CSTD) Sales Market Size by Country (2026-2032) & (M Unit)

Table 35: Key Closed System Drug Transfer Device (CSTD) Players in Europe

Table 36: Europe Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2025) & (M Unit)

Table 37: Europe Closed System Drug Transfer Device (CSTD) Sales by Type (2026-2032) & (M Unit)

Table 38: Europe Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Closed System Drug Transfer Device (CSTD) Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2025) & (M Unit)

Table 41: Europe Closed System Drug Transfer Device (CSTD) Sales by Application (2026-2032) & (M Unit)

Table 42: Europe Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2025) & (US\$ Million)

Table 43: Europe Closed System Drug Transfer Device (CSTD) Revenue by Application (2026-2032) & (US\$ Million)

Table 44: Europe Closed System Drug Transfer Device (CSTD) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Closed System Drug Transfer Device (CSTD) Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Closed System Drug Transfer Device (CSTD) Sales Market Size by Country (2020-2025) & (M Unit)

Table 47: Europe Closed System Drug Transfer Device (CSTD) Sales Market Size Forecast by Country (2026-2032) & (M Unit)

Table 48: Key Closed System Drug Transfer Device (CSTD) Players in China

Table 49: China Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2025) & (M Unit)

Table 50: China Closed System Drug Transfer Device (CSTD) Sales by Type (2026-2032) & (M Unit)

Table 51: China Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2025) & (US\$ Million)

Table 52: China Closed System Drug Transfer Device (CSTD) Revenue by Type (2026-2032) & (US\$ Million)

Table 53: China Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2025) & (M Unit)

Table 54: China Closed System Drug Transfer Device (CSTD) Sales by Application (2026-2032) & (M Unit)

Table 55: China Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2025) & (US\$ Million)

Table 56: China Closed System Drug Transfer Device (CSTD) Revenue by Application (2026-2032) & (US\$ Million)

Table 57: Key Closed System Drug Transfer Device (CSTD) Players in APAC (excl. China)

Table 58: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2025) & (M Unit)

Table 59: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales by Type (2026-2032) & (M Unit)

Table 60: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2025) & (US\$ Million)

Table 61: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue by Type (2026-2032) & (US\$ Million)

Table 62: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2025) & (M Unit)

Table 63: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales by Application (2026-2032) & (M Unit)

Table 64: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2025) & (US\$ Million)

Table 65: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue by Application (2026-2032) & (US\$ Million)

Table 66: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 67: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 68: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales Market Size by Country (2020-2025) & (M Unit)

Table 69: APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales Market Size Forecast by Country (2026-2032) & (M Unit)

Table 70: Key Closed System Drug Transfer Device (CSTD) Players in Latin America

Table 71: Latin America Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2025) & (M Unit)

Table 72: Latin America Closed System Drug Transfer Device (CSTD) Sales by Type (2026-2032) & (M Unit)

Table 73: Latin America Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2025) & (US\$ Million)

Table 74: Latin America Closed System Drug Transfer Device (CSTD) Revenue by Type (2026-2032) & (US\$ Million)

Table 75: Latin America Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2025) & (M Unit)

Table 76: Latin America Closed System Drug Transfer Device (CSTD) Sales by Application (2026-2032) & (M Unit)

Table 77: Latin America Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2025) & (US\$ Million)

Table 78: Latin America Closed System Drug Transfer Device (CSTD) Revenue by Application (2026-2032) & (US\$ Million)

Table 79: Latin America Closed System Drug Transfer Device (CSTD) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 80: Latin America Closed System Drug Transfer Device (CSTD) Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 81: Latin America Closed System Drug Transfer Device (CSTD) Sales Market Size by Country (2020-2025) & (M Unit)

Table 82: Latin America Closed System Drug Transfer Device (CSTD) Sales Market Size Forecast by Country (2026-2032) & (M Unit)

Table 83: Key Closed System Drug Transfer Device (CSTD) Players in Middle East & Africa

Table 84: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales by Type (2020-2025) & (M Unit)

Table 85: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales by Type (2026-2032) & (M Unit)

Table 86: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue by Type (2020-2025) & (US\$ Million)

Table 87: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue by Type (2026-2032) & (US\$ Million)

Table 88: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales by Application (2020-2025) & (M Unit)

Table 89: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales by Application (2026-2032) & (M Unit)

Table 90: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue by Application (2020-2025) & (US\$ Million)

Table 91: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue by Application (2026-2032) & (US\$ Million)

Table 92: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 93: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 94: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales Market Size by Country (2020-2025) & (M Unit)

Table 95: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales Market Size Forecast by Country (2026-2032) & (M Unit)

Table 96: Global Closed System Drug Transfer Device (CSTD) Market Sales by Key Manufacturers (2021-2025) & (M Unit)

Table 97: Global Closed System Drug Transfer Device (CSTD) Sales Market Share by Key Manufacturers (2021-2025)

Table 98: Global Closed System Drug Transfer Device (CSTD) Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)

Table 99: Global Closed System Drug Transfer Device (CSTD) Revenue Market Share

by Key Manufacturers (2021-2025)

Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Unit)

Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales

Table 102: Market Mergers & Acquisitions, Expansion

Table 103: BD Medical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 104: BD Medical Closed System Drug Transfer Device (CSTD) Product Portfolio

Table 105: BD Medical Closed System Drug Transfer Device (CSTD) Revenue (US\$ Million), Sales (M Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 106: Equashield Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 107: Equashield Closed System Drug Transfer Device (CSTD) Product Portfolio

Table 108: Equashield Closed System Drug Transfer Device (CSTD) Revenue (US\$ Million), Sales (M Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 109: ICU Medical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 110: ICU Medical Closed System Drug Transfer Device (CSTD) Product Portfolio

Table 111: ICU Medical Closed System Drug Transfer Device (CSTD) Revenue (US\$ Million), Sales (M Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 112: Corvida Medical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 113: Corvida Medical Closed System Drug Transfer Device (CSTD) Product Portfolio

Table 114: Corvida Medical Closed System Drug Transfer Device (CSTD) Revenue (US\$ Million), Sales (M Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 115: Simplivia Healthcare Ltd. Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 116: Simplivia Healthcare Ltd. Closed System Drug Transfer Device (CSTD) Product Portfolio

Table 117: Simplivia Healthcare Ltd. Closed System Drug Transfer Device (CSTD) Revenue (US\$ Million), Sales (M Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 118: B. Braun Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 119: B. Braun Closed System Drug Transfer Device (CSTD) Product Portfolio

Table 120: B. Braun Closed System Drug Transfer Device (CSTD) Revenue (US\$ Million), Sales (M Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 121: Upstream Key Raw Material Price List

Table 122: Closed System Drug Transfer Device (CSTD) Raw Material Suppliers and Contact Information

Table 123: Closed System Drug Transfer Device (CSTD) Typical Customer List

Table 124: Closed System Drug Transfer Device (CSTD) Distributors List

List Of Figures

LIST OF FIGURES

Figure 1: Closed System Drug Transfer Device (CSTD) Product Pictures

Figure 2: Closed Vial Access Devices Picture Scope

Figure 3: Closed Syringe Safety Devices Picture Scope

Figure 4: Closed Bag and Line Access Devices Picture Scope

Figure 5: Hospitals Picture Scope

Figure 6: Clinics Picture Scope

Figure 7: Global Closed System Drug Transfer Device (CSTD) Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 8: Global Closed System Drug Transfer Device (CSTD) Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 9: Global Closed System Drug Transfer Device (CSTD) Market Sales and Growth Rate Analysis (2020-2032) & (M Unit)

Figure 10: Global Closed System Drug Transfer Device (CSTD) Market Price Trend Analysis (2020-2032) & (USD/Unit)

Figure 11: Global Closed System Drug Transfer Device (CSTD) Market Size by Region (2020-2032) & (US\$ Million)

Figure 12: Global Closed System Drug Transfer Device (CSTD) Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 13: Global Closed System Drug Transfer Device (CSTD) Sales Price by Region (2020-2032) & (M Unit)

Figure 14: North America Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 15: North America Closed System Drug Transfer Device (CSTD) Revenue Market Share by Players in 2024

Figure 16: North America Closed System Drug Transfer Device (CSTD) Sales Market Share by Type (2020-2032)

Figure 17: North America Closed System Drug Transfer Device (CSTD) Revenue Market Share by Type (2020-2032)

Figure 18: North America Closed System Drug Transfer Device (CSTD) Sales Market Share by Application (2020-2032)

Figure 19: North America Closed System Drug Transfer Device (CSTD) Revenue Market Share by Application (2020-2032)

Figure 20: US Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 21: Canada Closed System Drug Transfer Device (CSTD) Revenue (2020-2032)

& (US\$ Million)

Figure 22:Europe Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 23:Europe Closed System Drug Transfer Device (CSTD) Revenue Market Share by Players in 2024

Figure 24:Europe Closed System Drug Transfer Device (CSTD) Sales Market Share by Type (2020-2032)

Figure 25:Europe Closed System Drug Transfer Device (CSTD) Revenue Market Share by Type (2020-2032)

Figure 26:Europe Closed System Drug Transfer Device (CSTD) Sales Market Share by Application (2020-2032)

Figure 27:Europe Closed System Drug Transfer Device (CSTD) Revenue Market Share by Application (2020-2032)

Figure 28:Germany Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 29:France Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 30:United Kingdom Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 31:Italy Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 32:Spain Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 33:Benelux Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 34:China Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 35:China Closed System Drug Transfer Device (CSTD) Revenue Market Share by Players in 2024

Figure 36:China Closed System Drug Transfer Device (CSTD) Sales Market Share by Type (2020-2032)

Figure 37:China Closed System Drug Transfer Device (CSTD) Revenue Market Share by Type (2020-2032)

Figure 38:China Closed System Drug Transfer Device (CSTD) Sales Market Share by Application (2020-2032)

Figure 39:China Closed System Drug Transfer Device (CSTD) Revenue Market Share by Application (2020-2032)

Figure 40:APAC (excl. China) Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 41:APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue Market Share by Players in 2024

Figure 42:APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales Market Share by Type (2020-2032)

Figure 43:APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue Market Share by Type (2020-2032)

Figure 44:APAC (excl. China) Closed System Drug Transfer Device (CSTD) Sales Market Share by Application (2020-2032)

Figure 45:APAC (excl. China) Closed System Drug Transfer Device (CSTD) Revenue Market Share by Application (2020-2032)

Figure 46:Japan Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 47:South Korea Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 48:India Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 49:Australia Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 50:Southeast Asia Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 51:Latin America Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 52:Latin America Closed System Drug Transfer Device (CSTD) Revenue Market Share by Players in 2024

Figure 53:Latin America Closed System Drug Transfer Device (CSTD) Sales Market Share by Type (2020-2032)

Figure 54:Latin America Closed System Drug Transfer Device (CSTD) Revenue Market Share by Type (2020-2032)

Figure 55:Latin America Closed System Drug Transfer Device (CSTD) Sales Market Share by Application (2020-2032)

Figure 56:Latin America Closed System Drug Transfer Device (CSTD) Revenue Market Share by Application (2020-2032)

Figure 57:Mexico Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 58:Brazil Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 59:Middle East & Africa Closed System Drug Transfer Device (CSTD) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 60:Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue

Market Share by Players in 2024

Figure 61: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales Market Share by Type (2020-2032)

Figure 62: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue Market Share by Type (2020-2032)

Figure 63: Middle East & Africa Closed System Drug Transfer Device (CSTD) Sales Market Share by Application (2020-2032)

Figure 64: Middle East & Africa Closed System Drug Transfer Device (CSTD) Revenue Market Share by Application (2020-2032)

Figure 65: Saudi Arabia Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 66: South Africa Closed System Drug Transfer Device (CSTD) Revenue (2020-2032) & (US\$ Million)

Figure 67: Global Closed System Drug Transfer Device (CSTD) Sales Market Share by Key Manufacturers in 2024

Figure 68: Global Closed System Drug Transfer Device (CSTD) Revenue Market Share by Key Manufacturers in 2024

Figure 69: Global Closed System Drug Transfer Device (CSTD) Industry Competition Landscape

Figure 70: Closed System Drug Transfer Device (CSTD) Industry Chain Analysis

Figure 71: Bottom-Up and Top-Down Research Methods

Figure 72: Key Interview Objectives

Figure 73: Data Cross Validation

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