

North America Pharmaceutical Fluid Handling Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Offering (Equipment and Solution & Services), Tubing (TPE, PVC, and Silicone), Application (Fluid Handling and Management, Fluid Preparation, Integration & Automation, Aseptic Processing, Buffer Management, and Others), Usage [Cough Syrup, Intravenous Products, Complex Active Pharmaceutical Ingredients (APIs), and Others], and End User (Biotechnology Companies, Pharmaceutical & Medical Companies, and Others)

<https://marketpublishers.com/r/N6261CBE848AEN.html>

Date: February 2023

Pages: 171

Price: US\$ 3,000.00 (Single User License)

ID: N6261CBE848AEN

Abstracts

The North America pharmaceutical fluid handling market is expected to grow from US\$ 4,553.21 million in 2022 to US\$ 6,075.94 million by 2028; it is estimated to grow at a CAGR of 4.9% from 2022 to 2028.

Increasing Drug Production Fuels North America Pharmaceutical Fluid Handling Market Growth

Pharmaceutical fluid handling is an integral part of the pharmaceutical industry to ensure that fluids such as cough syrups, intravenous products, and complex active pharmaceutical ingredients are delivered in a safe and timely manner. To succeed and be reliable, businesses need to utilize the correct handling equipment and instruments. The manufacturing divisions in the biotechnology & pharmaceutical industry require fluid control systems since most processes involve the presence of a liquid such as feed

media, buffer solutions, cell extracts, and product fractions. In recent years, research and development efforts have increased along with investments in developing innovative treatments. The US Food & Drug Administration (FDA) Center for Drug Evaluation and Research (CDER) approved 35 medicines for “biologic drugs” in 2019, and ~50 novel drugs were approved in 2021. Further, ~410 novel drugs have been approved in the past decade, registering approximately 40 approvals each year. The Medicine Development for Global Health (MDGH), in collaboration with the World Health Organization (WHO) Special Program for Research and Training and GlaxoSmithKline, initiated the development of new drugs for tropical diseases and Malaria Venture (MMV) in 2018. This initiation is promoting more clinical trials and drug discovery, which is increasing the number of drug approvals, thereby boosting the pharmaceutical fluid handling market. In addition, according to the National Library of Medicine (NLM), in 2021, the number of registered clinical studies with posted results accounted for 52,537, and it is likely to reach 56,100 by 2022. Moreover, there has been an increase in R&D spending in recent years. For instance, according to data published by Congressional Budget Office in April 2021, the spending on drug R&D increased by ~50% from 2015 to 2019. In 2019, the pharmaceutical industry spent US\$ 83 billion on R&D, which increased by ten times compared to the past decade. The rise in the number of clinical trials, increase in drug production, and high investments in R&D are a few factors contributing to the growth of the North America pharmaceutical fluid handling market .

North America Pharmaceutical Fluid Handling Market Overview

The North America pharmaceutical fluid handling market is segmented into the US, Canada, and Mexico. The market growth in this region is due to the rising R&D investments, increasing number of product offerings by key companies, and the growing need for cold and cough remedies. The US dominated the North America pharmaceutical fluid handling market in 2022. There has been a surge in research and development activities and heavy investments in developing novel therapeutics that offer valuable medical benefits. The quantity of approved drugs is significantly high; however, the US FDA approves only 12% of drugs participating in clinical trials. This fuels R&D activities in the biopharmaceutical sector that are anticipated to increase in the coming years. The growth in research activities is also due to the rising demand for fluid handling systems, as these instruments are crucial in dispensing liquid samples in exact quantities.

North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

North America Pharmaceutical Fluid Handling Market Segmentation

The North America pharmaceutical fluid handling market is segmented on the basis of offering, tubing, application, usage, end user, and country.

Based on offering, the North America pharmaceutical fluid handling market is bifurcated into equipment and solutions & services. The equipment segment registered a larger market share in 2022.

Based on tubing, the North America pharmaceutical fluid handling market is segmented into TPE, PVC, and silicon. The silicon segment registered the largest market share in 2022.

Based on application, the North America pharmaceutical fluid handling market is segmented into fluid handling and management, fluid preparation, integration and automation, aseptic processing, buffer management, and others. The fluid handling and management segment registered the largest market share in 2022.

Based on usage, the North America pharmaceutical fluid handling market is categorized into cough syrup, intravenous products, complex active pharmaceutical ingredients (APIs), and others. The cough syrup segment registered the largest market share in 2022.

Based on end user, the North America pharmaceutical fluid handling market is segmented into biotechnology companies, pharmaceutical & medical companies, and others. The biotechnology companies segment registered the largest market share in 2022.

Based on country, the North America pharmaceutical fluid handling market is segmented into US, Canada, and Mexico. The US registered the largest market share in 2022.

CIRCOR International Inc, Danaher Corp, Merck KGaA, Parker Hannifin Corp, RAUMEDIC AG, Rochling SE & Co KG, Spirax Sarco Engineering plc, and Tef Cap Industries Inc are the leading companies operating in the North America pharmaceutical fluid handling market.

Contents

1. INTRODUCTION

- 1.1 Scope of the Study
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation
 - 1.3.1 North America Pharmaceutical Fluid Handling Market – by Offering
 - 1.3.2 North America Pharmaceutical Fluid Handling Market – by Tubing
 - 1.3.3 North America Pharmaceutical Fluid Handling Market – by Application
 - 1.3.4 North America Pharmaceutical Fluid Handling Market – by Usage
 - 1.3.5 North America Pharmaceutical Fluid Handling Market – by End User
 - 1.3.6 North America Pharmaceutical Fluid Handling Market – by Country

2. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET – KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET – MARKET LANDSCAPE

- 4.1 Overview
- 4.2 North America PEST Analysis
- 4.3 Expert's Opinion

5. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET — KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Surge in Drug Production
 - 5.1.2 Rise in Adoption of Single-Use Systems (SUS) in Pharmaceutical Industry
- 5.2 Market Restraints
 - 5.2.1 High Price of Failed Clinical Trials

5.3 Market Opportunities

5.3.1 Increase in Vaccine Production

5.4 Future Trends

5.4.1 Automated Fluid Handling Systems with Machine Learning

5.5 Impact Analysis

6. PHARMACEUTICAL FLUID HANDLING MARKET – NORTH AMERICA ANALYSIS

6.1 North America Pharmaceutical Fluid Handling Market Revenue Forecast and Analysis

7. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET ANALYSIS – BY OFFERING

7.1 Overview

7.2 North America Pharmaceutical Fluid Handling Market Revenue Share, by Offering 2021 & 2028 (%)

7.3 Equipment

7.3.1 Overview

7.3.2 Equipment: Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)

7.4 Solution & Services

7.4.1 Overview

7.4.2 Solution & Services: Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)

8. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET ANALYSIS – BY TUBING

8.1 Overview

8.2 North America Pharmaceutical Fluid Handling Market Revenue Share, by Tubing 2021 & 2028 (%)

8.3 TPE

8.3.1 Overview

8.3.2 TPE: Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)

8.4 PVC

8.4.1 Overview

8.4.2 PVC: Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028

(US\$ Million)

8.5 Silicone

8.5.1 Overview

8.5.2 Silicone: Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028

(US\$ Million)

9. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET ANALYSIS– BY APPLICATION

9.1 Overview

9.2 North America Pharmaceutical Fluid Handling Market Revenue Share, by
Application 2021 & 2028 (%)

9.3 Fluid Handling and Management

9.3.1 Overview

9.3.2 Fluid Handling and Management: Pharmaceutical Fluid Handling Market Revenue
and Forecasts to 2028 (US\$ Million)

9.3.2.1 Single-use Systems and Multi-use Systems

9.3.2.1.1 Overview

9.3.2.1.2 Single-use Systems and Multi-use Systems: Pharmaceutical Fluid Handling
Market Revenue and Forecasts to 2028 (US\$ Million)

9.3.2.2 Bioprocessing Workstations

9.3.2.2.1 Overview

9.3.2.2.2 Bioprocessing Workstations: Pharmaceutical Fluid Handling Market Revenue
and Forecasts to 2028 (US\$ Million)

9.3.2.3 Standard Storage Systems and Biocontainers

9.3.2.3.1 Overview

9.3.2.3.2 Standard Storage Systems and Biocontainers: Pharmaceutical Fluid Handling
Market Revenue and Forecasts to 2028 (US\$ Million)

9.3.2.4 Totes

9.3.2.4.1 Overview

9.3.2.4.2 Totes: Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028
(US\$ Million)

9.3.2.5 Others

9.3.2.5.1 Overview

9.3.2.5.2 Others: Pharmaceutical Fluid Handling Market Revenue and Forecasts to
2028 (US\$ Million)

9.4 Fluid Preparation

9.4.1 Overview

9.4.2 Fluid Preparation: Pharmaceutical Fluid Handling Market Revenue and Forecasts

to 2028 (US\$ Million)

9.5 Integration and Automation

9.5.1 Overview

9.5.2 Integration and Automation: Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)

9.6 Aseptic Processing

9.6.1 Overview

9.6.2 Aseptic Processing: Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)

9.7 Buffer Management

9.7.1 Overview

9.7.2 Buffer Management: Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)

9.8 Others

9.8.1 Overview

9.8.2 Others: Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)

10. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET ANALYSIS -BY USAGE

10.1 Overview

10.2 North America Pharmaceutical Fluid Handling Market Revenue Share, by Usage 2021 & 2028 (%)

10.3 Cough Syrup

10.3.1 Overview

10.3.2 Cough Syrup: Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

10.4 Intravenous products

10.4.1 Overview

10.4.2 Intravenous products: Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

10.5 Complex Active Pharmaceutical Ingredients (APIs)

10.5.1 Overview

10.5.2 Complex Active Pharmaceutical Ingredients (APIs): Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

10.5.3 Vaccine

10.5.3.1 Overview

10.5.3.2 Vaccine: Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028

(US\$ Million)

10.5.4 Medications for cancer treatments

10.5.4.1 Overview

10.5.4.2 Medications for cancer treatments: Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

10.5.5 Others

10.5.5.1 Overview

10.5.5.2 Others: Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

10.6 Others

10.6.1 Overview

10.6.2 Others: Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

11. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET ANALYSIS – BY END USER

11.1 Overview

11.2 North America Pharmaceutical Fluid Handling Market Revenue Share, by End User 2021 & 2028 (%)

11.3 Biotechnology Companies

11.3.1 Overview

11.3.2 Biotechnology Companies: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

11.4 Pharmaceuticals and Medical Companies

11.4.1 Overview

11.4.2 Pharmaceuticals and Medical Companies: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

11.5 Others

11.5.1 Overview

11.5.2 Others: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

12. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET – REVENUE AND FORECAST TO 2028 – COUNTRY ANALYSIS

12.1 Overview

12.1.1.1 US: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

- 12.1.1.1.1 Overview
- 12.1.1.1.2 US: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)
- 12.1.1.1.3 US: Pharmaceutical Fluid Handling Market, by Offering, 2019–2028 (US\$ Million)
- 12.1.1.1.3.1 US: Pharmaceutical Fluid Handling Market, by Equipment, 2019–2028 (US\$ Million)
- 12.1.1.1.4 US: Pharmaceutical Fluid Handling Market, by Tubing, 2019–2028 (US\$ Million)
- 12.1.1.1.5 US: Pharmaceutical Fluid Handling Market, by Application, 2019–2028 (US\$ Million)
- 12.1.1.1.5.1 US: Pharmaceutical Fluid Handling Market, by Fluid Handling and Management, 2019–2028 (US\$ Million)
- 12.1.1.1.6 US: Pharmaceutical Fluid Handling Market, by Usage, 2019–2028 (US\$ Million)
- 12.1.1.1.6.1 US: Pharmaceutical Fluid Handling Market, by Complex APIs, 2019–2028 (US\$ Million)
- 12.1.1.1.7 US: Pharmaceutical Fluid Handling Market, by End User, 2019–2028 (US\$ Million)
- 12.1.1.2 Canada: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)
- 12.1.1.2.1 Overview
- 12.1.1.2.2 Canada: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)
- 12.1.1.2.3 Canada: Pharmaceutical Fluid Handling Market, by Offering, 2019–2028 (US\$ Million)
- 12.1.1.2.3.1 Canada: Pharmaceutical Fluid Handling Market, by Equipment, 2019–2028 (US\$ Million)
- 12.1.1.2.4 Canada: Pharmaceutical Fluid Handling Market, by Tubing, 2019–2028 (US\$ Million)
- 12.1.1.2.5 Canada: Pharmaceutical Fluid Handling Market, by Application, 2019–2028 (US\$ Million)
- 12.1.1.2.5.1 Canada: Pharmaceutical Fluid Handling Market, by Fluid Handling and Management, 2019–2028 (US\$ Million)
- 12.1.1.2.6 Canada: Pharmaceutical Fluid Handling Market, by Usage, 2019–2028 (US\$ Million)
- 12.1.1.2.6.1 Canada: Pharmaceutical Fluid Handling Market, by Complex APIs, 2019–2028 (US\$ Million)
- 12.1.1.2.7 Canada: Pharmaceutical Fluid Handling Market, by End User, 2019–2028

(US\$ Million)

12.1.1.3 Mexico: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.3.1 Overview

12.1.1.3.2 Mexico: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.3.3 Mexico: Pharmaceutical Fluid Handling Market, by Offering, 2019–2028 (US\$ Million)

12.1.1.3.3.1 Mexico: Pharmaceutical Fluid Handling Market, by Equipment, 2019–2028 (US\$ Million)

12.1.1.3.4 Mexico: Pharmaceutical Fluid Handling Market, by Tubing, 2019–2028 (US\$ Million)

12.1.1.3.5 Mexico: Pharmaceutical Fluid Handling Market, by Application, 2019–2028 (US\$ Million)

12.1.1.3.5.1 Mexico: Pharmaceutical Fluid Handling Market, by Fluid Handling and Management, 2019–2028 (US\$ Million)

12.1.1.3.6 Mexico: Pharmaceutical Fluid Handling Market, by Usage, 2019–2028 (US\$ Million)

12.1.1.3.6.1 Mexico: Pharmaceutical Fluid Handling Market, by Complex APIs, 2019–2028 (US\$ Million)

12.1.1.3.7 Mexico: Pharmaceutical Fluid Handling Market, by End User, 2019–2028 (US\$ Million)

13. NORTH AMERICA PHARMACEUTICAL FLUID HANDLING MARKET – INDUSTRY LANDSCAPE

13.1 Overview

13.2 Inorganic Growth Strategies

13.2.1 Overview

13.3 Organic Growth Strategies

13.3.1 Overview

14. COMPANY PROFILES

14.1 CIRCOR International Inc

14.1.1 Key Facts

14.1.2 Business Description

14.1.3 Products and Services

14.1.4 Financial Overview

- 14.1.5 SWOT Analysis
- 14.1.6 Key Developments
- 14.2 Parker Hannifin Corp
 - 14.2.1 Key Facts
 - 14.2.2 Business Description
 - 14.2.3 Products and Services
 - 14.2.4 Financial Overview
 - 14.2.5 SWOT Analysis
 - 14.2.6 Key Developments
- 14.3 Danaher Corp
 - 14.3.1 Key Facts
 - 14.3.2 Business Description
 - 14.3.3 Products and Services
 - 14.3.4 Financial Overview
 - 14.3.5 SWOT Analysis
 - 14.3.6 Key Developments
- 14.4 Spirax Sarco Engineering plc
 - 14.4.1 Key Facts
 - 14.4.2 Business Description
 - 14.4.3 Products and Services
 - 14.4.4 Financial Overview
 - 14.4.5 SWOT Analysis
 - 14.4.6 Key Developments
- 14.5 Merck KGaA
 - 14.5.1 Key Facts
 - 14.5.2 Business Description
 - 14.5.3 Products and Services
 - 14.5.4 Financial Overview
 - 14.5.5 SWOT Analysis
 - 14.5.6 Key Developments
- 14.6 Rochling SE & Co KG
 - 14.6.1 Key Facts
 - 14.6.2 Business Description
 - 14.6.3 Products and Services
 - 14.6.4 Financial Overview
 - 14.6.5 SWOT Analysis
 - 14.6.6 Key Developments
- 14.7 RAUMEDIC AG
 - 14.7.1 Key Facts

- 14.7.2 Business Description
- 14.7.3 Products and Services
- 14.7.4 Financial Overview
- 14.7.5 SWOT Analysis
- 14.7.6 Key Developments
- 14.8 Tef Cap Industries Inc
- 14.8.1 Key Facts
- 14.8.2 Business Description
- 14.8.3 Products and Services
- 14.8.4 Financial Overview
- 14.8.5 SWOT Analysis
- 14.8.6 Key Developments

15. APPENDIX

- 15.1 About The Insight Partners
- 15.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. North America Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

Table 2. US Pharmaceutical Fluid Handling Market, by Offering – Revenue and Forecast to 2028 (US\$ Million)

Table 3. US Pharmaceutical Fluid Handling Market, by Equipment – Revenue and Forecast to 2028 (US\$ Million)

Table 4. US Pharmaceutical Fluid Handling Market, by Tubing – Revenue and Forecast to 2028 (US\$ Million)

Table 5. US Pharmaceutical Fluid Handling Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 6. US Pharmaceutical Fluid Handling Market, by Fluid Handling and Management – Revenue and Forecast to 2028 (US\$ Million)

Table 7. US Pharmaceutical Fluid Handling Market, by Usage – Revenue and Forecast to 2028 (US\$ Million)

Table 8. US Pharmaceutical Fluid Handling Market, by Complex APIs – Revenue and Forecast to 2028 (US\$ Million)

Table 9. US Pharmaceutical Fluid Handling Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 10. Canada Pharmaceutical Fluid Handling Market, by Offering – Revenue and Forecast to 2028 (US\$ Million)

Table 11. Canada Pharmaceutical Fluid Handling Market, by Equipment – Revenue and Forecast to 2028 (US\$ Million)

Table 12. Canada Pharmaceutical Fluid Handling Market, by Tubing – Revenue and Forecast to 2028 (US\$ Million)

Table 13. Canada Pharmaceutical Fluid Handling Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 14. Canada Pharmaceutical Fluid Handling Market, by Fluid Handling and Management – Revenue and Forecast to 2028 (US\$ Million)

Table 15. Canada Pharmaceutical Fluid Handling Market, by Usage – Revenue and Forecast to 2028 (US\$ Million)

Table 16. Canada Pharmaceutical Fluid Handling Market, by Complex APIs – Revenue and Forecast to 2028 (US\$ Million)

Table 17. Canada Pharmaceutical Fluid Handling Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 18. Mexico Pharmaceutical Fluid Handling Market, by Offering – Revenue and Forecast to 2028 (US\$ Million)

Table 19. Mexico Pharmaceutical Fluid Handling Market, by Equipment – Revenue and Forecast to 2028 (US\$ Million)

Table 20. Mexico Pharmaceutical Fluid Handling Market, by Tubing – Revenue and Forecast to 2028 (US\$ Million)

Table 21. Mexico Pharmaceutical Fluid Handling Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 22. Mexico Pharmaceutical Fluid Handling Market, by Fluid Handling and Management – Revenue and Forecast to 2028 (US\$ Million)

Table 23. Mexico Pharmaceutical Fluid Handling Market, by Usage – Revenue and Forecast to 2028 (US\$ Million)

Table 24. Mexico Pharmaceutical Fluid Handling Market, by Complex APIs – Revenue and Forecast to 2028 (US\$ Million)

Table 25. Mexico Pharmaceutical Fluid Handling Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 26. Recent Inorganic Growth Strategies in the Pharmaceutical Fluid Handling Market

Table 27. Recent Organic Growth Strategies in Pharmaceutical Fluid Handling Market

Table 28. Glossary of Terms

List Of Figures

LIST OF FIGURES

- Figure 1. North America Pharmaceutical Fluid Handling Market Segmentation
- Figure 2. North America Pharmaceutical Fluid Handling Market, by Country
- Figure 3. North America Pharmaceutical Fluid Handling Market Overview
- Figure 4. North America Pharmaceutical Fluid Handling Market, by Offering
- Figure 5. North America Pharmaceutical Fluid Handling Market, by Country
- Figure 6. North America: PEST Analysis
- Figure 7. Experts' Opinion
- Figure 8. North America Pharmaceutical Fluid Handling Market: Impact Analysis of Drivers and Restraints
- Figure 9. North America Pharmaceutical Fluid Handling Market – Revenue Forecast and Analysis – 2020–2028
- Figure 10. North America Pharmaceutical Fluid Handling Market Revenue Share, by Offering 2021 & 2028 (%)
- Figure 11. Equipment: North America Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)
- Figure 12. Solution & Services: North America Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)
- Figure 13. North America Pharmaceutical Fluid Handling Market Revenue Share, by Tubing 2021 & 2028 (%)
- Figure 14. TPE: North America Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)
- Figure 15. PVC: North America Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)
- Figure 16. Silicone: North America Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)
- Figure 17. North America Pharmaceutical Fluid Handling Market Revenue Share, by Application 2021 & 2028 (%)
- Figure 18. Fluid Handling and Management: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)
- Figure 19. Single-use Systems and Multi-use Systems: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)
- Figure 20. Bioprocessing Workstations: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)
- Figure 21. Standard Storage Systems and Biocontainers: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)
- Figure 22. Totes: North America Pharmaceutical Fluid Handling Market Revenue and

Forecasts to 2028 (US\$ Million)

Figure 23. Others: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 24. Fluid Preparation: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 25. Integration and Automation: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 26. Aseptic Processing: North America Pharmaceutical Fluid Handling Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 27. Buffer Management: North America Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)

Figure 28. Others: North America Pharmaceutical Fluid Handling Market– Revenue and Forecast to 2028 (US\$ Million)

Figure 29. North America Pharmaceutical Fluid Handling Market Revenue Share, by Usage 2021 & 2028 (%)

Figure 30. Cough Syrup: North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

Figure 31. Intravenous products: North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

Figure 32. Complex Active Pharmaceutical Ingredients (APIs): North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

Figure 33. Vaccine: North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

Figure 34. Medications for cancer treatments: North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

Figure 35. Others: North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

Figure 36. Others: North America Pharmaceutical Fluid Handling Market Revenue and Forecast to 2028 (US\$ Million)

Figure 37. North America Pharmaceutical Fluid Handling Market Revenue Share, by End User 2021 & 2028 (%)

Figure 38. Biotechnology Companies: North America Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 39. Pharmaceuticals and Medical Companies: North America Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 40. Others: North America Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 41. North America: Pharmaceutical Fluid Handling Market, by Key Country – Revenue (2021) (US\$ Million)

Figure 42. North America: Pharmaceutical Fluid Handling Market, by Country, 2021 & 2028 (%)

Figure 43. US: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 44. Canada: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 45. Mexico: Pharmaceutical Fluid Handling Market – Revenue and Forecast to 2028 (US\$ Million)

I would like to order

Product name: North America Pharmaceutical Fluid Handling Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Offering (Equipment and Solution & Services), Tubing (TPE, PVC, and Silicone), Application (Fluid Handling and Management, Fluid Preparation, Integration & Automation, Aseptic Processing, Buffer Management, and Others), Usage [Cough Syrup, Intravenous Products, Complex Active Pharmaceutical Ingredients (APIs), and Others], and End User (Biotechnology Companies, Pharmaceutical & Medical Companies, and Others)

Product link: <https://marketpublishers.com/r/N6261CBE848AEN.html>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N6261CBE848AEN.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