

North America Pulmonary Function Testing Systems Market Forecast to 2028 - COVID-19 Impact and Regional Analysis By Type (Cart-Based PFT Systems and Stationery PFT Systems), Test Type (Spirometry, Lung Volume, Gas Exchange Testing, Maximum Voluntary Ventilation, Oxygen Titration Test, and Others), Component (Hardware, Software, and Services), Application (Chronic Obstructive Pulmonary Disorder, Asthma, Chronic Shortness of Breath, Restrictive Lung Disease, and Others), and End User (Hospitals, Specialty Clinics, and Diagnostic Laboratories)

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Abstracts

The North America pulmonary function testing systems market was valued at US\$ 108.42 million in 2022 and is expected to reach US\$ 160.73 million by 2028; it is estimated to register a CAGR of 6.8% from 2022 to 2028.

Rising Incidence of Lung-Related Disorders Fuels North America Pulmonary Function Testing Systems Market

The PFT systems provide accurate results, particularly lung volume, capacity, rates of flow, and gas exchange. PFT systems utilization assists in assessing treatment for asthma, emphysema, and other chronic lung problems. Through the assessment of lung volumes, capacities, rates of flow, and gas exchange, PFTs can provide information that

can be evaluated by physicians to help diagnose certain lung disorders effectively and decide the right treatment for patients. Further, PFTs are noninvasive procedures and are usually recommended by physicians for patients with no hospital stay. Spirometry is a type of commercial pulmonary function testing system. Spirometry testing is useful for determining if the patient is suffering from lung disease, type of lung disease, progression of the lung disease, and impairment of lung disease. Spirometry measures airflow and can evaluate a broad range of lung diseases among patients. Thus, the rising incidence of lung-related disorders is fueling the use of pulmonary function testing systems in North America.

North America Pulmonary Function Testing Systems Market Overview

The North America pulmonary function testing systems market is segmented into the US, Canada, and Mexico. The US held the largest share of the North America pulmonary function testing systems market in 2022. The North America pulmonary function testing systems market growth is attributed to the high implementation of portable systems and a rise in the usage of respiratory devices among the physician groups (clinics) in the region.

North America Pulmonary Function Testing Systems Market Revenue and Forecast to 2028 (US\$ Million)

North America Pulmonary Function Testing Systems Market Segmentation

The North America pulmonary function testing systems market is segmented on the basis of type, test type, component, application, end user, and country.

Based on type, the North America pulmonary function testing systems market is bifurcated into cart-based PFT systems and stationery PFT systems. The cart-based PFT systems segment held a larger share of the North America pulmonary function testing systems market in 2022.

Based on test type, the North America pulmonary function testing systems market is segmented into spirometry, lung volume, gas exchange testing, maximum voluntary ventilation, oxygen titration test, and others. The spirometry segment held the largest share of the North America pulmonary function testing systems market in 2022.

Based on component, the North America pulmonary function testing systems market is segmented into hardware, software, and services. The hardware segment held the

largest share of the North America pulmonary function testing systems market in 2022.

Based on application, the North America pulmonary function testing systems market is segmented into chronic obstructive pulmonary disorder, asthma, chronic shortness of breath, restrictive lung disease, and others. The chronic obstructive pulmonary disorder segment held the largest share of the North America pulmonary function testing systems market in 2022.

Based on end-user, the North America pulmonary function testing systems market is segmented into hospitals, specialty clinics, and diagnostic laboratories. The hospitals segment held the largest share of the North America pulmonary function testing systems market in 2022.

Based on country, the North America pulmonary function testing systems market is segmented into the US, Canada, and Mexico. The US dominated the share of the North America pulmonary function testing systems market in 2022.

COSMED Srl, KoKo PFT Ltd, MGC Diagnostics Corp, Morgan Scientific Inc, ndd Medical Technologies Inc, PulmOne Advanced Medical Devices Ltd, Schiller AG, and Vyair Medical Inc are the leading companies operating in the North America pulmonary function testing systems 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 Pulmonary Function Testing Systems Market – By Type
 - 1.3.2 North America Pulmonary Function Testing Systems Market – By Test Type
 - 1.3.3 North America Pulmonary Function Testing Systems Market – By Component
 - 1.3.4 North America Pulmonary Function Testing Systems Market – By Application
 - 1.3.5 North America Pulmonary Function Testing Systems Market – By End User
 - 1.3.6 North America Pulmonary Function Testing Systems Market – By Country

2. KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET – MARKET LANDSCAPE

- 4.1 Overview
- 4.2 North America PEST Analysis
- 4.3 Experts' Opinion

5. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET – KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Rising Incidence of Lung-Related Disorders
 - 5.1.2 Occupational Lung Diseases
- 5.2 Market Restraints
 - 5.2.1 Risk of Cross-Contamination and Lack of Skilled Professionals
- 5.3 Market Opportunities

5.3.1 Home Healthcare Pulmonary Function Testing Systems

5.4 Future Trends

5.4.1 Technological Advancements in Pulmonary Function Testing Systems

5.5 Impact Analysis

6. PULMONARY FUNCTION TESTING SYSTEMS MARKET– NORTH AMERICA ANALYSIS

6.1 North America Pulmonary Function Testing Systems Market Revenue Forecast and Analysis

7. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET ANALYSIS – BY TYPE

7.1 Overview

7.2 North America Pulmonary Function Testing Systems Market, By Type, 2021 & 2028 (%)

7.3 Cart-Based PFT Systems

7.3.1 Overview

7.3.2 Cart-Based PFT Systems: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

7.4 Stationary PFT Systems

7.4.1 Overview

7.4.2 Stationary PFT Systems: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

8. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET ANALYSIS – BY TEST TYPE

8.1 Overview

8.2 North America Pulmonary Function Testing Systems Market, By Test Type, 2021 & 2028 (%)

8.3 Spirometry

8.3.1 Overview

8.3.2 Spirometry: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

8.4 Lung Volume

8.4.1 Overview

8.4.2 Lung Volume: North America Pulmonary Function Testing Systems Market

Revenue and Forecasts to 2028 (US\$ Million)

8.5 Gas Exchange Testing

8.5.1 Overview

8.5.2 Gas Exchange Testing: North America Pulmonary Function Testing Systems

Market Revenue and Forecasts to 2028 (US\$ Million)

8.6 Maximal Voluntary Ventilation

8.6.1 Overview

8.6.2 Maximal Voluntary Ventilation: North America Pulmonary Function Testing

Systems Market Revenue and Forecasts to 2028 (US\$ Million)

8.7 Oxygen Titration Test

8.7.1 Overview

8.7.2 Oxygen Titration Test: North America Pulmonary Function Testing Systems

Market Revenue and Forecasts to 2028 (US\$ Million)

8.8 Others Test

8.8.1 Overview

8.8.2 Others: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

9. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET ANALYSIS – BY COMPONENT

9.1 Overview

9.2 North America Pulmonary Function Testing Systems Market, By Component, 2021 & 2028 (%)

9.3 Hardware

9.3.1 Overview

9.3.2 Hardware: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

9.4 Software

9.4.1 Overview

9.4.2 Software: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

9.5 Services

9.5.1 Overview

9.5.2 Services: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

10. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET ANALYSIS – BY APPLICATION

10.1 Overview

10.2 North America Pulmonary Function Testing Systems Market, By Application, 2021 & 2028 (%)

10.3 Chronic Obstructive Pulmonary Disease

10.3.1 Overview

10.3.2 Chronic Obstructive Pulmonary Disease: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

10.4 Asthma

10.4.1 Overview

10.4.2 Asthma: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

10.5 Chronic Shortness of Breath

10.5.1 Overview

10.5.2 Chronic Shortness of Breath: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

10.6 Restrictive Lung Disease

10.6.1 Overview

10.6.2 Restrictive Lung Disease: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

10.7 Others

10.7.1 Overview

10.7.2 Others: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

11. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET ANALYSIS – BY END-USER

11.1 Overview

11.2 North America Pulmonary Function Testing Systems Market, By End-User, 2021 & 2028 (%)

11.3 Hospitals

11.3.1 Overview

11.3.2 Hospitals: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

11.4 Specialty Clinics

11.4.1 Overview

11.4.2 Specialty Clinics: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

11.5 Diagnostic Laboratories

11.5.1 Overview

11.5.2 Diagnostic Laboratories: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

12. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET – REVENUE AND FORECAST TO 2028 – COUNTRY ANALYSIS

12.1 Overview

12.1.1.1 US: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.1.1 Overview

12.1.1.1.2 US: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.1.3 US: North America Pulmonary Function Testing Systems Market, by Type, 2019–2028 (US\$ Million)

12.1.1.1.4 US: North America Pulmonary Function Testing Systems Market, by Test Type, 2019–2028 (US\$ Million)

12.1.1.1.5 US: North America Pulmonary Function Testing Systems Market, by Component, 2019–2028 (US\$ Million)

12.1.1.1.6 US: North America Pulmonary Function Testing Systems Market, by Application, 2019–2028 (US\$ Million)

12.1.1.1.7 US: North America Pulmonary Function Testing Systems Market, by End User, 2019–2028 (US\$ Million)

12.1.1.2 Canada: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.2.1 Overview

12.1.1.2.2 Canada: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.2.3 Canada: North America Pulmonary Function Testing Systems Market, by Type, 2019–2028 (US\$ Million)

12.1.1.2.4 Canada: North America Pulmonary Function Testing Systems Market, by Test Type, 2019–2028 (US\$ Million)

12.1.1.2.5 Canada: North America Pulmonary Function Testing Systems Market, by Component, 2019–2028 (US\$ Million)

12.1.1.2.6 Canada: North America Pulmonary Function Testing Systems Market, by Application, 2019–2028 (US\$ Million)

12.1.1.2.7 Canada: North America Pulmonary Function Testing Systems Market, by End User, 2019–2028 (US\$ Million)

12.1.1.3 Mexico: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.3.1 Overview

12.1.1.3.2 Mexico: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

12.1.1.3.3 Mexico: North America Pulmonary Function Testing Systems Market, by Type, 2019–2028 (US\$ Million)

12.1.1.3.4 Mexico: North America Pulmonary Function Testing Systems Market, by Test Type, 2019–2028 (US\$ Million)

12.1.1.3.5 Mexico: North America Pulmonary Function Testing Systems Market, by Component, 2019–2028 (US\$ Million)

12.1.1.3.6 Mexico: North America Pulmonary Function Testing Systems Market, by Application, 2019–2028 (US\$ Million)

12.1.1.3.7 Mexico: North America Pulmonary Function Testing Systems Market, by End User, 2019–2028 (US\$ Million)

13. NORTH AMERICA PULMONARY FUNCTION TESTING SYSTEMS MARKET – INDUSTRY LANDSCAPE

13.1 Overview

13.2 Growth Strategies in North America Pulmonary Function Testing Systems Market

13.3 Organic Growth Strategies

13.3.1 Overview

13.4 Inorganic Growth Strategies

13.4.1 Overview

14. COMPANY PROFILES

14.1 COSMED Srl

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 MGC Diagnostics 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 Morgan Scientific Inc
 - 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 Schiller AG
 - 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 Vyaire Medical Inc
 - 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 ndd Medical Technologies Inc
 - 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 PulmOne Advanced Medical Devices Ltd
 - 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 KoKo PFT Ltd

- 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. US: North America Pulmonary Function Testing Systems Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 2. US: North America Pulmonary Function Testing Systems Market, by Test Type – Revenue and Forecast to 2028 (US\$ Million)

Table 3. US: North America Pulmonary Function Testing Systems Market, by Component – Revenue and Forecast to 2028 (US\$ Million)

Table 4. US: North America Pulmonary Function Testing Systems Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 5. US: North America Pulmonary Function Testing Systems Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 6. Canada: North America Pulmonary Function Testing Systems Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 7. Canada: North America Pulmonary Function Testing Systems Market, by Test Type – Revenue and Forecast to 2028 (US\$ Million)

Table 8. Canada: North America Pulmonary Function Testing Systems Market, by Component – Revenue and Forecast to 2028 (US\$ Million)

Table 9. Canada: North America Pulmonary Function Testing Systems Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 10. Canada: North America Pulmonary Function Testing Systems Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 11. Mexico: North America Pulmonary Function Testing Systems Market, by Type – Revenue and Forecast to 2028 (US\$ Million)

Table 12. Mexico: North America Pulmonary Function Testing Systems Market, by Test Type – Revenue and Forecast to 2028 (US\$ Million)

Table 13. Mexico: North America Pulmonary Function Testing Systems Market, by Component – Revenue and Forecast to 2028 (US\$ Million)

Table 14. Mexico: North America Pulmonary Function Testing Systems Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 15. Mexico: North America Pulmonary Function Testing Systems Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 16. Recent Organic Growth Strategies in North America Pulmonary Function Testing Systems Market

Table 17. Recent Inorganic Growth Strategies in the North America Pulmonary Function Testing Systems Market

Table 18. Glossary of Terms

List Of Figures

LIST OF FIGURES

Figure 1. North America Pulmonary Function Testing Systems Market Segmentation

Figure 2. North America Pulmonary Function Testing Systems Market, By Country

Figure 3. North America Pulmonary Function Testing Systems Market Overview

Figure 4. Cart-Based PFT System Segment Held Largest Share of Type Segment in North America Pulmonary Function Testing Systems Market

Figure 5. US is Expected to Show Remarkable Growth During the Forecast Period

Figure 7. North America: PEST Analysis

Figure 8. Experts' Opinion

Figure 9. North America Pulmonary Function Testing Systems Market: Impact Analysis of Drivers and Restraints

Figure 10. North America Pulmonary Function Testing Systems Market– Revenue Forecast and Analysis – 2020- 2028

Figure 11. North America Pulmonary Function Testing Systems Market, by Type, 2021 & 2028 (%)

Figure 12. Cart-Based PFT Systems: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 13. Stationary PFT Systems: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 14. North America Pulmonary Function Testing Systems Market, by Test Type, 2021 & 2028 (%)

Figure 15. Spirometry: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 16. Lung Volume: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 17. Gas Exchange Testing: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 18. Maximal Voluntary Ventilation: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 19. Oxygen Titration Test: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 20. Others: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 21. North America Pulmonary Function Testing Systems Market, by Component, 2021 & 2028 (%)

Figure 22. Hardware: North America Pulmonary Function Testing Systems Market

Revenue and Forecasts to 2028 (US\$ Million)

Figure 23. Software: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 24. Services: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 25. North America Pulmonary Function Testing Systems Market, by Application, 2021 & 2028 (%)

Figure 26. Chronic Obstructive Pulmonary Disease: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 27. Asthma: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 28. Chronic Shortness of Breath: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 29. Restrictive Lung Disease: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 30. Others: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 31. North America Pulmonary Function Testing Systems Market, by End-User, 2021 & 2028 (%)

Figure 32. Hospitals: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 33. Specialty Clinics: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 34. Diagnostic Laboratories: North America Pulmonary Function Testing Systems Market Revenue and Forecasts to 2028 (US\$ Million)

Figure 35. North America Pulmonary Function Testing Systems Market, by Key Country – Revenue (2021) (US\$ Million)

Figure 36. North America Pulmonary Function Testing Systems Market, by Country, 2021 & 2028 (%)

Figure 37. US: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 38. Canada: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 39. Mexico: North America Pulmonary Function Testing Systems Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 40. Growth Strategies in North America Pulmonary Function Testing Systems Market

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