

North America Pulmonary Function Testing Market

Market Report | 2024-08-01 | 220 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$3500.00
- Corporate Users License \$4200.00

Report description:

The North America Pulmonary Function Testing Market is expected to reach USD 2.47 billion by 2031 from USD 1.53 billion in 2023, growing at a CAGR of 6.1% in the forecast period of 2024 to 2031.

Market Segmentation:

North America Pulmonary Function Testing Market, By Type (Hardware, Software, and Services), Patient Type (Adult, Geriatric, and Pediatric), Application (Obstructive Lung Disease and Restrictive Lung Disease), End User (Hospital, Specialty Clinics, Diagnostics Laboratories, Home Care Settings, and Others), Countries (U.S., Canada, and Mexico) - Industry Trends and Forecast to 2031

Overview of North America Pulmonary Function Testing Market Dynamics:

Driver

- Increasing prevalence of respiratory diseases

Restraint

- High cost of testing equipment

Opportunity

- Rapid technological advancements

Market Players:

The key players operating in the North America pulmonary function testing market are:

- VYAIR MEDICAL, INC.
- Teleflex Incorporated
- CAIRE, Inc.
- COSMED srl
- Schiller AG
- PULMONE ADVANCED MEDICAL DEVICE
- ndd Medical Technologies
- KoKo PFT
- ECO MEDICS
- Morgan Scientific
- Inofab Health

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Data Sciences International
- IngMar Medical
- JK Medical System Pvt. Ltd
- Scireq
- MEDLINE
- VITALOGRAPH
- CONTEC MEDICAL SYSTEMS CO., LTD

Table of Contents:

1	INTRODUCTION	58
1.1	OBJECTIVES OF THE STUDY	58
1.2	MARKET DEFINITION	58
1.3	OVERVIEW OF THE NORTH AMERICA PULMONARY FUNCTION TESTING MARKET	58
1.4	CURRENCY AND PRICING	59
1.5	LIMITATIONS	59
1.6	MARKETS COVERED	60
2	MARKET SEGMENTATION	62
2.1	MARKETS COVERED	62
2.2	GEOGRAPHICAL SCOPE	63
2.3	YEARS CONSIDERED FOR THE STUDY	64
2.4	DBMR TRIPOD DATA VALIDATION MODEL	65
2.5	PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	68
2.6	MULTIVARIATE MODELLING	69
2.7	MARKET APPLICATION COVERAGE GRID	70
2.8	PRODUCT LIFELINE CURVE	71
2.9	DBMR MARKET POSITION GRID	72
2.10	VENDOR SHARE ANALYSIS	73
2.11	SECONDARY SOURCES	74
2.12	ASSUMPTIONS	74
3	EXECUTIVE SUMMARY	75
4	PREMIUM INSIGHTS	80
4.1	PORTER'S FIVE FORCES	81
4.2	PESTEL ANALYSIS	82
5	REGULATORY FRAMEWORK	83
6	MARKET OVERVIEW	85
6.1	DRIVERS	87
6.1.1	INCREASING PREVALENCE OF RESPIRATORY DISEASES	87
6.1.2	EARLY DETECTION OF RESPIRATORY DISEASES	88
6.1.3	GROWING GERIATRIC POPULATION	88
6.1.4	INCREASING PRODUCT LAUNCHES AND EMERGENCE OF HOME TESTING DEVICES	89
6.2	RESTRAINTS	90
6.2.1	HIGH COST OF TESTING EQUIPMENT	90
6.2.2	TECHNOLOGICAL LIMITATION OF TESTING DEVICES	91
6.3	OPPORTUNITIES	92
6.3.1	RAPID TECHNOLOGICAL ADVANCEMENTS	92

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

6.3.2	RISING STRATEGIC INITIATIVES	92
6.3.3	GOVERNMENT INITIATIVES AND REIMBURSEMENT POLICIES	93
6.3.4	PRODUCT DEVELOPMENT FOR AT-HOME TESTING	93
6.4	CHALLENGES	94
6.4.1	LACK OF STANDARDIZATION AND VARIABILITY IN TEST RESULTS	94
6.4.2	LACK OF SKILLED PROFESSIONALS	94
7	NORTH AMERICA PULMONARY FUNCTION TESTING MARKET, BY TYPE	96
7.1	OVERVIEW	97
7.2	HARDWARE	100
7.2.1	PFT DEVICES	101
7.2.2	PFT ACCESSORIES & CONSUMABLES	102
7.2.2.1	Spirometry	104
7.2.2.2	Lung Volume in Unit/ Plethysmography Test	104
7.2.2.3	Gas Exchange Testing	104
7.2.2.4	Cardiopulmonary Exercise Test (CPET)	104
7.2.2.5	Pulse Oximetry Test	104
7.2.2.6	Diffusion Capacity Test	104
7.2.2.7	Maximal Voluntary Ventilation	104
7.2.2.8	Oxygen Titration Test	104
7.2.2.9	Respiratory Muscle Function	104
7.2.2.10	Bronchial Provocation Test	104
7.2.2.11	High Altitude Simulation Testing	104
7.2.3	OTHERS	105
7.2.3.1	3.2. Direct Tender	105
7.2.3.2	3.2. Retail Sales	105
7.2.4	OTHERS	105
7.3	SOFTWARE	106
7.4	SERVICES	106
8	NORTH AMERICA PULMONARY FUNCTION TESTING MARKET, BY PATIENT TYPE	107
8.1	OVERVIEW	108
8.2	ADULT	111
8.2.1	MALE	111
8.2.2	FEMALE	111
8.3	GERIATRIC	112
8.3.1	MALE	112
8.3.2	FEMALE	112
8.4	PEDIATRIC	113
8.4.1	MALE	113
8.4.2	FEMALE	113
9	NORTH AMERICA PULMONARY FUNCTION TESTING MARKET, BY APPLICATION	114
9.1	OVERVIEW	115
9.2	OBSTRUCTIVE LUNG DISEASE	118
9.2.1	ASTHMA	118
9.2.2	CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)	118
9.2.3	BRONCHIECTASIS	118
9.2.4	CYSTIC FIBROSIS	118
9.3	RESTRICTIVE LUNG DISEASE	119

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

9.3.1	LUNG CANCER	119
9.3.2	INTERSTITIAL LUNG DISEASE	119
9.3.3	AMYOTROPHIC LATERAL SCLEROSIS (ALS)	119
9.3.4	SCOLIOSIS	119
9.3.5	SARCOIDOSIS	119
9.3.6	MUSCULAR DYSTROPHY	119
10	NORTH AMERICA PULMONARY FUNCTION TESTING MARKET, BY END USER	120
10.1	OVERVIEW	121
10.2	HOSPITALS	124
10.2.1	PUBLIC	124
10.2.2	PRIVATE	124
10.3	SPECIALTY CLINICS	125
10.4	DIAGNOSTICS LABORATORIES	125
10.5	HOME CARE SETTINGS	126
10.6	OTHERS	126
11	NORTH AMERICA PULMONARY FUNCTION TESTING MARKET, BY REGION	127
11.1	NORTH AMERICA	129
11.1.1	U.S.	137
11.1.2	CANADA	145
11.1.3	MEXICO	152
12	NORTH AMERICA PULMONARY FUNCTION TESTING MARKET: COMPANY LANDSCAPE	160
12.1	COMPANY SHARE ANALYSIS: NORTH AMERICA	160
13	SWOT ANALYSIS	161
14	COMPANY PROFILES	162
14.1	VYAIR MEDICAL, INC.	162
14.1.1	COMPANY SNAPSHOT	162
14.1.2	COMPANY SHARE ANALYSIS	162
14.1.3	PRODUCT PORTFOLIO	163
14.1.4	RECENT DEVELOPMENTS	164
14.2	TELEFLEX INCORPORATED	165
14.2.1	COMPANY SNAPSHOT	165
14.2.2	REVENUE ANALYSIS	165
14.2.3	COMPANY SHARE ANALYSIS	166
14.2.4	PRODUCT PORTFOLIO	166
14.2.5	RECENT DEVELOPMENT	166
14.3	CAIRE INC.	167
14.3.1	COMPANY SNAPSHOT	167
14.3.2	COMPANY SHARE ANALYSIS	167
14.3.3	PRODUCT PORTFOLIO	168
14.3.4	RECENT DEVELOPMENTS	170
14.4	COSMED SRL	171
14.4.1	COMPANY SNAPSHOT	171
14.4.2	COMPANY SHARE ANALYSIS	171
14.4.3	PRODUCT PORTFOLIO	172
14.4.4	RECENT DEVELOPMENTS	173
14.5	SCHILLER AG	174
14.5.1	COMPANY SNAPSHOT	174

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

14.5.2	COMPANY SHARE ANALYSIS	174
14.5.3	PRODUCT PORTFOLIO	175
14.5.4	RECENT DEVELOPMENTS	175
14.6	CHEST M.I., INC.	176
14.6.1	COMPANY SNAPSHOT	176
14.6.2	PRODUCT PORTFOLIO	176
14.6.3	RECENT DEVELOPMENTS	177
14.7	CLARITY MEDICAL	178
14.7.1	COMPANY SNAPSHOT	178
14.7.2	PRODUCT PORTFOLIO	178
14.7.3	RECENT DEVELOPMENT	179
14.8	CONTEC MEDICAL SYSTEMS CO., LTD	180
14.8.1	COMPANY SNAPSHOT	180
14.8.2	PRODUCT PORTFOLIO	180
14.8.3	RECENT DEVELOPMENT	182
14.9	DATA SCIENCES INTERNATIONAL.	183
14.9.1	COMPANY SNAPSHOT	183
14.9.2	PRODUCT PORTFOLIO	183
14.9.3	RECENT DEVELOPMENTS	183
14.10	ECO MEDICS	184
14.10.1	COMPANY SNAPSHOT	184
14.10.2	PRODUCT PORTFOLIO	184
14.10.3	RECENT DEVELOPMENTS	184
14.11	FUKUDA SANGYO CO., LTD.	185
14.11.1	COMPANY SNAPSHOT	185
14.11.2	PRODUCT PORTFOLIO	185
14.11.3	RECENT DEVELOPMENT	185
14.12	GANSHORN MEDIZIN ELECTRONIC GMBH	186
14.12.1	COMPANY SNAPSHOT	186
14.12.2	PRODUCT PORTFOLIO	186
14.12.3	RECENT DEVELOPMENTS	187
14.13	GERATHERM MEDICAL AG	188
14.13.1	COMPANY SNAPSHOT	188
14.13.2	REVENUE ANALYSIS	188
14.13.3	PRODUCT PORTFOLIO	189
14.13.4	RECENT DEVELOPMENT	189
14.14	INGMAR MEDICAL	190
14.14.1	COMPANY SNAPSHOT	190
14.14.2	PRODUCT PORTFOLIO	190
14.14.3	RECENT DEVELOPMENT	191
14.15	INOFAB HEALTH (A CLARIO COMPANY)	192
14.15.1	COMPANY SNAPSHOT	192
14.15.2	PRODUCT PORTFOLIO	192
14.15.3	RECENT DEVELOPMENT	193
14.16	JK MEDICAL SYSTEMS PVT LTD.	194
14.16.1	COMPANY SNAPSHOT	194
14.16.2	PRODUCT PORTFOLIO	194

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

14.16.3 RECENT DEVELOPMENTS	195
14.17 KOKO, PFT	196
14.17.1 COMPANY SNAPSHOT	196
14.17.2 PRODUCT PORTFOLIO	196
14.17.3 RECENT DEVELOPMENTS	197
14.18 MEC	198
14.18.1 COMPANY SNAPSHOT	198
14.18.2 PRODUCT PORTFOLIO	198
14.18.3 RECENT DEVELOPMENT	199
14.19 MEDICAL EQUIPMENT EUROPE GMBH	200
14.19.1 COMPANY SNAPSHOT	200
14.19.2 PRODUCT PORTFOLIO	200
14.19.3 RECENT DEVELOPMENTS	200
14.20 MEDLINE	201
14.20.1 COMPANY SNAPSHOT	201
14.20.2 PRODUCT PORTFOLIO	201
14.20.3 RECENT DEVELOPMENT	202
14.21 MORGAN SCIENTIFIC	203
14.21.1 COMPANY SNAPSHOT	203
14.21.2 PRODUCT PORTFOLIO	203
14.21.3 RECENT DEVELOPMENTS	206
14.22 NDD MEDICAL TECHNOLOGIES	207
14.22.1 COMPANY SNAPSHOT	207
14.22.2 PRODUCT PORTFOLIO	207
14.22.3 RECENT DEVELOPMENTS	208
14.23 PULMONE ADVANCED MEDICAL DEVICES	209
14.23.1 COMPANY SNAPSHOT	209
14.23.2 PRODUCT PORTFOLIO	209
14.23.3 RECENT DEVELOPMENT	209
14.24 RECORDERS & MEDICARE SYSTEMS PRIVATE LIMITED	210
14.24.1 COMPANY SNAPSHOT	210
14.24.2 PRODUCT PORTFOLIO	210
14.24.3 RECENT DEVELOPMENT	211
14.25 SCIREQ	212
14.25.1 COMPANY SNAPSHOT	212
14.25.2 PRODUCT PORTFOLIO	212
14.25.3 RECENT DEVELOPMENT	213
14.26 SIBEL, S.A.U	214
14.26.1 COMPANY SNAPSHOT	214
14.26.2 PRODUCT PORTFOLIO	214
14.26.3 RECENT DEVELOPMENT	215
14.27 VITALOGRAPH	216
14.27.1 COMPANY SNAPSHOT	216
14.27.2 PRODUCT PORTFOLIO	216
14.27.3 RECENT DEVELOPMENT	217
15 QUESTIONNAIRE	218
16 RELATED REPORTS	220

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

?

Scotts International. EU Vat number: PL 6772247784
tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com

North America Pulmonary Function Testing Market

Market Report | 2024-08-01 | 220 pages | Data Bridge Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Corporate Users License	\$4200.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-16"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com