

South & Central 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 South & Central America pulmonary function testing systems market was valued at US\$ 17.10 million in 2022 and is expected to reach US\$ 24.11 million by 2028; it is estimated to register a CAGR of 5.9% from 2022 to 2028.

Rising Incidence of Lung-Related Disorders Fuels South & Central America Pulmonary Function Testing Systems Market

The PFT systems provide accurate results, particularly lung volume, capacity, rates of flow, and gas exchange. Additionally, 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 non-invasive procedures and are usually recommended by physicians for patients with no hospital stay. Commercial pulmonary function testing systems available in the market include spirometry. 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, which is directly driving the South & Central America pulmonary function testing systems market growth.

South & Central America Pulmonary Function Testing Systems Market Overview

The South & Central America pulmonary function testing systems market is segmented into Brazil, Argentina, and the Rest of South & Central America. The South & Central America pulmonary function testing systems market is expected to witness significant growth during the forecast period due to factors such as a surge in the incidence of pulmonary diseases, COPD, and asthma and a rise in the aging population in the region.

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

South & Central America Pulmonary Function Testing Systems Market Segmentation

The South & Central 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 South & Central 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 South & Central America pulmonary function testing systems market in 2022.

Based on test type, the South & Central 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 South & Central America pulmonary function testing systems market in 2022.

Based on component, the South & Central America pulmonary function testing systems market is segmented into hardware, software, and services. The hardware segment held the largest share of the South & Central America pulmonary function testing systems market in 2022.

Based on application, the South & Central 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 South & Central America pulmonary function testing systems market in 2022.

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

Based on country, the South & Central America pulmonary function testing systems market is segmented into Brazil, Argentina, and the Rest of South & Central America. The Rest of South & Central America dominated the share of the South & Central America pulmonary function testing systems market in 2022.

COSMED Srl, MGC Diagnostics Corp, Schiller AG, and Vyair Medical Inc are the leading companies operating in the South & Central America pulmonary function testing systems market.

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