

# **Asia Pacific Air Leak Testing Market Size study, by Type (Pressure Decay Testing, Helium Sniff Testing) by End-use (Automotive & Transportation, Medical & Pharmaceutical, Packaging, Industrial, Aerospace and Defence, Power and Energy) and Country Forecasts 2022-2032**

<https://marketpublishers.com/r/A0540F248A55EN.html>

Date: June 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: A0540F248A55EN

## **Abstracts**

Asia Pacific Air Leak Testing Market is valued approximately at USD 2218.45 million in 2023 and is anticipated to grow with a healthy growth rate of more than 8.72% over the forecast period 2024-2032. Air Leak Testing is a method used to detect and quantify the presence of leaks or unintended openings in a sealed system. It is commonly employed in various industries such as manufacturing, automotive, aerospace, and HVAC Heating, Ventilation, and Air Conditioning systems to ensure product quality, safety, and efficiency. Furthermore, rising emergence of outsourced testing services are gaining attention towards Asia Pacific Air Leak Testing Market. Outsourced testing service providers typically invest in state-of-the-art technology and equipment for air leak testing. They have access to advanced testing systems, automated equipment, specialized sensors and data analytics tools, enabling them to perform testing tasks with greater efficiency, accuracy, and precision than in-house testing facilities.

Asia Pacific Air Leak Testing Market is driven by rising automotive production and growing rate of industrialization across the region. Automotive manufacturers strive for zero-defect manufacturing to maintain their competitive edge and meet customer expectations for high-quality vehicles. Air leak testing helps to identify and address leaks in critical components during the manufacturing process, ensuring that defects are detected and rectified before they reach the assembly line, reducing the risk of costly recalls and warranty claims. In addition, Industrialization drives companies to optimize

their production processes to improve efficiency, reduce costs, and maximize profitability. Air leak testing plays a crucial role in enhancing operational efficiency by identifying and addressing leaks that can lead to energy losses, equipment malfunctions, and production downtime. However, high cost of air leak testing equipment and complexity of testing procedures is expected to impede the overall demand for the market during the forecast period 2024-2032.

The key Countries considered for the Asia Pacific Air Leak Testing market study includes China, India, Japan, South Korea, Australia, and Rest of Asia Pacific. In 2023, China was the largest regional market in terms of revenue owing to factors such as growing rate of urbanization across the region. Urbanization is often accompanied by a surge in construction activity to accommodate the growing population and demand for residential, commercial, and industrial spaces. Construction projects require rigorous quality control measures, including air leak testing, to meet building codes, standards, and regulatory requirements and ensure the durability, safety, and sustainability of structures. Furthermore, the market in India, on the other hand, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Cosmo Instruments India Private Limited  
Xiamen Tob New Energy Technology Co., Ltd  
GTI Precision Instrument (Shenyang) CO., LTD  
Fukuda Co., Ltd  
Company 5  
Company 6  
Company 7  
Company 8  
Company 9  
Company 10

The detailed segments and sub-segment of the market are explained below:

by Type

Pressure Decay Testing  
Helium Sniff Testing

by End-use

Automotive & Transportation  
Medical & Pharmaceutical

Packaging

Industrial

Aerospace and Defence

Power and Energy

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

## Contents

### **CHAPTER 1. ASIA PACIFIC AIR LEAK TESTING MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
  - 1.3.1. Inclusion & Exclusion
  - 1.3.2. Limitations
  - 1.3.3. Supply Side Analysis
    - 1.3.3.1. Availability
    - 1.3.3.2. Infrastructure
    - 1.3.3.3. Regulatory Environment
    - 1.3.3.4. Market Competition
    - 1.3.3.5. Economic Viability (Consumer's Perspective)
  - 1.3.4. Demand Side Analysis
    - 1.3.4.1. Regulatory frameworks
    - 1.3.4.2. Technological Advancements
    - 1.3.4.3. Environmental Considerations
    - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Asia Pacific Air Leak Testing Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
  - 2.3.1. By Type
  - 2.3.2. By End-use
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

### **CHAPTER 3. ASIA PACIFIC AIR LEAK TESTING MARKET DYNAMICS**

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

## **CHAPTER 4. ASIA PACIFIC AIR LEAK TESTING MARKET: INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model
  - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
  - 4.2.1. Political
  - 4.2.2. Economic
  - 4.2.3. Social
  - 4.2.4. Technological
  - 4.2.5. Environmental
  - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. ASIA PACIFIC AIR LEAK TESTING MARKET SIZE & FORECASTS BY TYPE 2022-2032**

- 5.1. Pressure Decay Testing
- 5.2. Helium Sniff Testing

## **CHAPTER 6. ASIA PACIFIC AIR LEAK TESTING MARKET SIZE & FORECASTS BY END-USE 2022-2032**

- 6.1. Automotive & Transportation
- 6.2. Medical & Pharmaceutical
- 6.3. Packaging
- 6.4. Industrial

- 6.5. Aerospace and Defence
- 6.6. Power and Energy

## **CHAPTER 7. ASIA PACIFIC AIR LEAK TESTING MARKET SIZE & FORECASTS BY COUNTRY 2022-2032**

- 7.1. China Air Leak Testing Market
  - 7.1.1. Type breakdown size & forecasts, 2022-2032
  - 7.1.2. End-use breakdown size & forecasts, 2022-2032
- 7.2. India Air Leak Testing Market
- 7.3. Japan Air Leak Testing Market
- 7.4. Australia Air Leak Testing Market
- 7.5. South Korea Air Leak Testing Market
- 7.6. Rest of Asia Pacific Air Leak Testing Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company
  - 8.1.2. Company
  - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Cosmo Instruments India Private Limited
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Market Strategies
  - 8.3.2. Xiamen Tob New Energy Technology Co., Ltd
  - 8.3.3. GTI Precision Instrument (Shenyang) CO., LTD
  - 8.3.4. Fukuda Co., Ltd
  - 8.3.5. Company
  - 8.3.6. Company
  - 8.3.7. Company
  - 8.3.8. Company
  - 8.3.9. Company
  - 8.3.10. Company

## **CHAPTER 9. RESEARCH PROCESS**

### 9.1. Research Process

#### 9.1.1. Data Mining

#### 9.1.2. Analysis

#### 9.1.3. Market Estimation

#### 9.1.4. Validation

#### 9.1.5. Publishing

### 9.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Asia Pacific Air Leak Testing market, report scope

TABLE 2. Asia Pacific Air Leak Testing market estimates & forecasts by Country 2022-2032 (USD Million)

TABLE 3. Asia Pacific Air Leak Testing market estimates & forecasts by Type 2022-2032 (USD Million)

TABLE 4. Asia Pacific Air Leak Testing market estimates & forecasts by End-use 2022-2032 (USD Million)

TABLE 5. Asia Pacific Air Leak Testing market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. Asia Pacific Air Leak Testing market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Asia Pacific Air Leak Testing market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Asia Pacific Air Leak Testing market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Asia Pacific Air Leak Testing market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Asia Pacific Air Leak Testing market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Asia Pacific Air Leak Testing market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Asia Pacific Air Leak Testing market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Asia Pacific Air Leak Testing market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Asia Pacific Air Leak Testing market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. China Air Leak Testing market estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. China Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. China Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. India Air Leak Testing market estimates & forecasts, 2022-2032 (USD Million)



TABLE 19. India Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. India Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 21. Japan Air Leak Testing market estimates & forecasts, 2022-2032 (USD Million)

TABLE 22. Japan Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 23. Japan Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 24. Australia Air Leak Testing market estimates & forecasts, 2022-2032 (USD Million)

TABLE 25. Australia Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 26. Australia Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 27. South Korea Air Leak Testing market estimates & forecasts, 2022-2032 (USD Million)

TABLE 28. South Korea Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 29. South Korea Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 30.

TABLE 31. RoAPAC Air Leak Testing market estimates & forecasts, 2022-2032 (USD Million)

TABLE 32. RoAPAC Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 33. RoAPAC Air Leak Testing market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 34. List of secondary sources, used in the study of Asia Pacific Air Leak Testing Market.

TABLE 35. List of primary sources, used in the study of Asia Pacific Air Leak Testing Market.

TABLE 36. Years considered for the study.

TABLE 37. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Asia Pacific Air Leak Testing market, research methodology
- FIG 2. Asia Pacific Air Leak Testing market, market estimation techniques
- FIG 3. Asia Pacific market size estimates & forecast methods.
- FIG 4. Asia Pacific Air Leak Testing market, key trends 2023
- FIG 5. Asia Pacific Air Leak Testing market, growth prospects 2022-2032
- FIG 6. Asia Pacific Air Leak Testing market, porters 5 force model
- FIG 7. Asia Pacific Air Leak Testing market, pestel analysis
- FIG 8. Asia Pacific Air Leak Testing market, value chain analysis
- FIG 9. Asia Pacific Air Leak Testing market by segment, 2022 & 2032 (USD Million)
- FIG 10. Asia Pacific Air Leak Testing market by segment, 2022 & 2032 (USD Million)
- FIG 11. Asia Pacific Air Leak Testing market by segment, 2022 & 2032 (USD Million)
- FIG 12. Asia Pacific Air Leak Testing market by segment, 2022 & 2032 (USD Million)
- FIG 13. Asia Pacific Air Leak Testing market by segment, 2022 & 2032 (USD Million)
- FIG 14. Asia Pacific Air Leak Testing market, Country snapshot 2022 & 2032
- FIG 15. Asia Pacific Air Leak Testing market 2022 & 2032 (USD Million)
- FIG 16. Asia Pacific Air Leak Testing market, company market share analysis (2023)

## I would like to order

Product name: Asia Pacific Air Leak Testing Market Size study, by Type (Pressure Decay Testing, Helium Sniff Testing) by End-use (Automotive & Transportation, Medical & Pharmaceutical, Packaging, Industrial, Aerospace and Defence, Power and Energy) and Country Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/A0540F248A55EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A0540F248A55EN.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