

Mercury Analyzer Market by Type (Cold Vapor Atomic Absorption, and Cold Vapor Atomic Fluorescence), End Use (Environmental Monitoring, Food, Oil, Gas, & Petrochemical, Healthcare), and Geography - Global Forecast to 2023

<https://marketpublishers.com/r/MED97796F9BEN.html>

Date: May 2018

Pages: 116

Price: US\$ 5,650.00 (Single User License)

ID: MED97796F9BEN

Abstracts

“Government regulations pertaining to environment monitoring propelling growth of mercury analyzer market”

The mercury analyzer market is expected to grow at a CAGR of 7.0% between 2018 and 2023 to reach USD 315.1 million by 2023 from USD 224.6 million in 2018. The increase in the number of regulations pertaining to environment protection, active participation of government and regulatory bodies to monitor environmental conditions, and increased government funding for pollution monitoring and control are the major factors propelling the growth of the said market. However, factors such the high cost of mass spectrometry systems for mercury analysis and high export barriers for environmental technologies in emerging markets are restraining the growth of the mercury analyzer market.

“Cold vapor atomic fluorescence (CVAF) segment expected to grow at highest CAGR during forecast period”

CVAF technique overcomes the limitations of traditional cold vapor atomic absorption (CVAA) technique of interferences from chemicals such as chlorides, sulfides, and hydrocarbons, which hindered the precision of the output. Thus, CVAF mercury analyzer is rugged, reliable, and ideal for a multitude of mercury testing situations, over its complementing techniques. Owing to these advantages, the mercury analyzer market for cold vapor atomic fluorescence (CVAF) is expected to grow at the highest

CAGR during the forecast period.

“Market for environment monitoring end use segment expected to lead during forecast period”

Mercury analyzers are used in environmental monitoring applications for sampling air, water, and soil. There is a high requirement for environmental monitoring and testing of various contaminants, with a primary focus on reducing emissions and preventing humans and environment from toxic chemicals exposure. Stringent government regulations to monitor and control mercury emission worldwide are driving the demand for mercury analyzers, thus expected to lead the market during the forecast period.

“Market in APAC expected to witness significant growth during forecast period”

The market in APAC is expected to show the highest growth during the forecast period as food industry; healthcare industry; and oil, gas, and petrochemical industries in this region are emerging, along with growing concerns with regard to environmental safety. The growth in this region is largely driven by China, Japan, and India.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key officials in the mercury analyzer market. Following is the breakup of the profiles of primary participants for the report:

By Company Type: Tier 1 = 35%, Tier 2 = 45%, and Tier 3 = 20%

By Designation: C-Level Executives = 35%, Directors = 25%, and Others = 45%

By Region: North America = 45%, Europe = 20%, APAC = 30%, and Rest of World = 5%.

Moreover, the report profiles the key players in the mercury analyzer market and analyzes their market ranking. The players profiled in this report are Teledyne Leeman Labs (US), Tekran (Canada), Thermo Fisher (US), PerkinElmer (US), Milestone (US), Analytik Jena (Germany), Nippon Instruments (Japan), Hitachi High-Technologies (Japan), Mercury Instruments (Germany), and Lumex (Canada), among others.

Research Coverage:

Mercury Analyzer Market by Type (Cold Vapor Atomic Absorption, and Cold Vapor Atomic Fluorescence), End Use (E...

This research report categorizes the mercury analyzer market on the basis of type, end use, and geography. The report also provides a description of the major drivers, restraints, challenges, and opportunities pertaining to this market, as well as the market ranking analysis.

Reasons to Buy the Report:

The report would help the leaders/new entrants in the mercury analyzer market in the following ways:

1. The report segments the mercury analyzer market comprehensively and provides the closest market size estimation for all subsegments across different regions.
2. The report helps stakeholders understand the pulse of the market and provides them with information on key drivers, restraints, challenges, and opportunities for the mercury analyzer market.
3. The report would help stakeholders understand their competitors better and gain insights to improve their position in the mercury analyzer market. The competitive landscape section describes the competitor ecosystem.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR STUDY
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Breakdown of primaries
 - 2.1.3 SECONDARY AND PRIMARY RESEARCH
 - 2.1.3.1 Key industry insights
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 ASSUMPTIONS FOR RESEARCH STUDY

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE MERCURY ANALYZER MARKET
- 4.2 MERCURY ANALYZER MARKET, BY TYPE, 2018 VS. 2023 (USD MILLION)
- 4.3 MERCURY ANALYZER MARKET IN APAC, BY END USE AND BY COUNTRY
- 4.4 MERCURY ANALYZER MARKET, BY GEOGRAPHY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increasing environment protection regulations

5.2.1.2 Active government participation and regulatory bodies to monitor environmental conditions

5.2.1.3 Increased funding for monitoring environment pollution and control

5.2.1.4 Increasing public healthcare awareness about implications of environmental pollution

5.2.1.5 Rising focus on high quality food products

5.2.2 RESTRAINTS

5.2.2.1 High cost mass spectrometry systems for mercury analysis

5.2.2.2 High export barriers for environmental technologies in emerging markets

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing industrialization in emerging markets

5.2.4 CHALLENGES

5.2.4.1 Comply with regulatory and certified authorities guidelines

6 MERCURY ANALYZER MARKET, BY TYPE

6.1 INTRODUCTION

6.2 COLD VAPOR ATOMIC ABSORPTION

6.3 COLD VAPOR ATOMIC FLUORESCENCE

7 MERCURY ANALYZER MARKET, BY END USE

7.1 INTRODUCTION

7.2 ENVIRONMENTAL MONITORING

7.2.1 SAMPLE TYPES

7.2.1.1 Air

7.2.1.2 Water

7.2.1.3 Soil

7.3 FOOD INDUSTRY

7.4 OIL, GAS, AND PETROCHEMICAL INDUSTRY

7.5 HEALTHCARE INDUSTRY

7.6 OTHERS

8 GEOGRAPHIC ANALYSIS

8.1 INTRODUCTION

8.2 NORTH AMERICA

8.2.1 US

8.2.2 CANADA

8.2.3 MEXICO

8.3 EUROPE

8.3.1 GERMANY

8.3.2 FRANCE

8.3.3 UK

8.3.4 REST OF EUROPE

8.4 APAC

8.4.1 CHINA

8.4.2 JAPAN

8.4.3 INDIA

8.4.4 REST OF APAC

8.5 REST OF THE WORLD (ROW)

8.5.1 MIDDLE EAST AND AFRICA

8.5.2 SOUTH AMERICA

9 COMPETITIVE LANDSCAPE

9.1 OVERVIEW

9.2 MARKET RANKING ANALYSIS: MERCURY ANALYZER, 2017

10 COMPANY PROFILES

(Business Overview, Products Offered, SWOT Analysis, and MnM View)*

10.1 KEY PLAYERS

10.1.1 TELEDYNE LEEMAN LABS

10.1.2 TEKRAM

10.1.3 THERMO FISHER SCIENTIFIC

10.1.4 PERKINELMER

10.1.5 MILESTONE

10.1.6 ANALYTIK JENA (A SUBSIDIARY OF ENDRESS HAUSER)

10.1.7 NIPPON INSTRUMENTS

- 10.1.8 HITACHI HIGH-TECHNOLOGIES
- 10.1.9 MERCURY INSTRUMENTS
- 10.1.10 LUMEX INSTRUMENTS
- 10.2 OTHER PLAYERS
 - 10.2.1 BROOKS RAND INSTRUMENTS
 - 10.2.2 BUCK SCIENTIFIC
 - 10.2.3 LECO CORPORATION
 - 10.2.4 NORTHERN ARIZONA UNIVERSITY
 - 10.2.5 HIRANUMA SANGYO

*Details on Business Overview, Products Offered, SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

11 APPENDIX

- 11.1 INSIGHTS FROM INDUSTRY EXPERTS
- 11.2 DISCUSSION GUIDE
- 11.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 11.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 11.5 AVAILABLE CUSTOMIZATIONS
- 11.6 RELATED REPORTS
- 11.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 ENVIRONMENTAL REGULATIONS ON MERCURY AND OTHER HEAVY METAL AND TOXIC GASES, BY COUNTRY

Table 2 MERCURY ANALYZER MARKET, BY TYPE, 2015–2023 (USD MILLION)

Table 3 MERCURY ANALYZER MARKET FOR COLD VAPOR ATOMIC ABSORPTION, BY END USE, 2015–2023 (USD MILLION)

Table 4 CVAAMERCURY ANALYZER MARKET FOR ENVIRONMENT MONITORING APPLICATIONS, BY SAMPLE TYPE, 2015–2023 (USD MILLION)

Table 5 MERCURY ANALYZER MARKET FOR COLD VAPOR ATOMIC ABSORPTION, BY REGION, 2015–2023 (USD MILLION)

Table 6 MERCURY ANALYZER MARKET FOR COLD VAPOR ATOMIC FLUORESCENCE, BY END USE, 2015–2023 (USD MILLION)

Table 7 CVAFMERCURY ANALYZER MARKET FOR ENVIRONMENT MONITORING APPLICATIONS, BY SAMPLE TYPE, 2015–2023 (USD MILLION)

Table 8 MERCURY ANALYZER MARKET FOR COLD VAPOR ATOMIC FLUORESCENCE, BY REGION, 2015–2023 (USD MILLION)

Table 9 MERCURY ANALYZER MARKET, BY END USE, 2015–2023 (USD MILLION)

Table 10 MERCURY ANALYZER MARKET FOR ENVIRONMENTAL MONITORING APPLICATIONS, BY SAMPLE TYPE, 2015–2023 (USD MILLION)

Table 11 ENVIRONMENTAL MONITORING MERCURY ANALYZER MARKET FOR AIR SAMPLING, BY TYPE, 2015–2023 (USD MILLION)

Table 12 ENVIRONMENTAL MONITORING MERCURY ANALYZER MARKET FOR WATER SAMPLING, BY TYPE, 2015–2023 (USD MILLION)

Table 13 ENVIRONMENTAL MONITORING MERCURY ANALYZER MARKET FOR SOIL SAMPLING, BY TYPE, 2015–2023 (USD MILLION)

Table 14 MERCURY ANALYZER MARKET FOR ENVIRONMENTAL MONITORING APPLICATIONS, BY REGION, 2015–2023 (USD MILLION)

Table 15 MERCURY ANALYZER MARKET FOR FOOD INDUSTRY, BY TYPE, 2015–2023 (USD MILLION)

Table 16 MERCURY ANALYZER MARKET FOR FOOD INDUSTRY, BY REGION, 2015–2023 (USD MILLION)

Table 17 MERCURY ANALYZER MARKET FOR OIL, GAS, AND PETROCHEMICAL INDUSTRIES, BY TYPE, 2015–2023 (USD MILLION)

Table 18 MERCURY ANALYZER MARKET FOR OIL, GAS, AND PETROCHEMICAL INDUSTRIES, BY REGION, 2015–2023 (USD MILLION)

Table 19 MERCURY ANALYZER MARKET FOR HEALTHCARE INDUSTRY, BY

TYPE, 2015–2023 (USD MILLION)

Table 20 MERCURY ANALYZER MARKET FOR HEALTHCARE INDUSTRY, BY REGION, 2015–2023 (USD MILLION)

Table 21 MERCURY ANALYZER MARKET FOR OTHERS, BY TYPE, 2015–2023 (USD MILLION)

Table 22 MERCURY ANALYZER MARKET FOR OTHERS, BY REGION, 2015–2023 (USD MILLION)

Table 23 MERCURY ANALYZER MARKET, BY REGION, 2015–2023 (USD MILLION)

Table 24 MERCURY ANALYZER MARKET IN NORTH AMERICA, BY TYPE, 2015–2023 (USD MILLION)

Table 25 MERCURY ANALYZER MARKET IN NORTH AMERICA, BY END USE, 2015–2023 (USD MILLION)

Table 26 MERCURY ANALYZER MARKET IN NORTH AMERICA, BY COUNTRY, 2015–2023 (USD MILLION)

Table 27 MERCURY ANALYZER MARKET IN EUROPE, BY TYPE, 2015–2023 (USD MILLION)

Table 28 MERCURY ANALYZER MARKET IN EUROPE, BY END USE, 2015–2023 (USD MILLION)

Table 29 MERCURY ANALYZER MARKET IN EUROPE, BY COUNTRY, 2015–2023 (USD MILLION)

Table 30 MERCURY ANALYZER MARKET IN APAC, BY TYPE, 2015–2023 (USD MILLION)

Table 31 MERCURY ANALYZER MARKET IN APAC, BY END USE, 2015–2023 (USD MILLION)

Table 32 MERCURY ANALYZER MARKET IN APAC, BY COUNTRY, 2015–2023 (USD MILLION)

Table 33 MERCURY ANALYZER MARKET IN ROW, BY TYPE, 2015–2023 (USD MILLION)

Table 34 MERCURY ANALYZER MARKET IN ROW, BY END USE, 2015–2023 (USD MILLION)

Table 35 MERCURY ANALYZER MARKET IN ROW, BY COUNTRY, 2015–2023 (USD MILLION)

Table 36 RANKING OF TOP 5 PLAYERS IN MERCURY ANALYZER MARKET, 2017

About

According to the new market research report "Mercury Analyzer Market by Type (Cold Vapor Atomic Absorption, and Cold Vapor Atomic Fluorescence), End Use (Environmental Monitoring, Food, Oil, Gas, & Petrochemical, Healthcare), and Geography - Global Forecast to 2023", the mercury analyzer market is expected to grow from USD 224.6 Million in 2018 to USD 315.1 Million by 2023, at a CAGR of 7.0% between 2018 and 2023. The increase in the number of regulations pertaining to environment protection, active participation of government and regulatory bodies to monitor environmental conditions, and increased government funding for pollution monitoring and control are the major factors propelling the growth of the said market.

Major players operating in the mercury analyzer market are:

Teledyne Leeman Labs (US),

Tekran (Canada),

Thermo Fisher (US),

PerkinElmer (US)

Milestone (US)

Cold vapor atomic absorption to hold largest share of mercury analyzer market between 2018 and 2023

The cold vapor atomic absorption (CVAA) being the traditional and most used method of mercury analysis is widely used across various industries, such as mining, cement, and food, for determining the total mercury content in a given sample. Owing to its ease of operation and widespread acceptance, the CVAA mercury analyzer is expected to lead the mercury analyzer market during the forecast period.

Mercury analyzer market for environment monitoring end use to witness significant growth during forecast period

Mercury analyzers are used in environmental monitoring applications for sampling air,

water, and soil. There is a high requirement for environmental monitoring and testing of various contaminants, with a primary focus on reducing emissions and preventing humans and environment from toxic chemicals exposure. Stringent government regulation to monitor and control mercury emission into atmosphere is the major factor driving the growth of this segment during the forecast period.

APAC likely to hold largest share of mercury analyzer market during forecast period

APAC is estimated to be the largest market for mercury analyzers due to increased mercury emission from growing industrialization and stringent regulations governing mercury emission and control. The increasing regulations pertaining to environment protection, along with active participation of government and regulatory bodies to monitor environmental conditions, and increased government funding for mercury pollution monitoring and control are the major factors contributing to the market growth in this region. Countries such as China, Japan, and India are the major revenue contributors to the market in this region.

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