

Global NDIR and FTIR Infrared Gas Analyzers Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GE3313C4197BEN.html>

Date: December 2025

Pages: 221

Price: US\$ 4,480.00 (Single User License)

ID: GE3313C4197BEN

Abstracts

The global NDIR and FTIR Infrared Gas Analyzers market size is expected to reach \$ 1143 million by 2032, rising at a market growth of 3.9% CAGR during the forecast period (2026-2032).

In 2024, global NDIR and FTIR Infrared Gas Analyzers sales reached approximately 56,435 units, with an average global market price of around US\$ 15,270 per unit.

NDIR and FTIR Infrared Gas Analyzers are instruments that identify and quantify gases by exploiting the fact that gas molecules absorb infrared radiation at characteristic wavelengths. By measuring how much IR light is attenuated as it passes through a sample cell, the analyzer can calculate gas concentrations. Typical systems include an IR source, a gas cell, optical components and detectors, plus signal processing and calibration/compensation modules. Depending on the sensing approach and spectral library, they can measure gases such as CO, CO₂, CH₄, NO_x, SO₂, and various VOCs. Key advantages include fast response, non-contact measurement, and suitability for continuous monitoring in process control, combustion optimization, emissions compliance, and workplace safety applications.

Production model typically follows ?platform optical modules + modular assembly + calibration/validation delivery.? Core optical platforms (IR source/interferometer or filter set, gas cell/optics, detector), algorithms/software, and calibration workflows are often kept in-house to ensure long-term stability and repeatability. Commodity items?machined housings, PCB assembly, pumps/valves and flow control?are frequently sourced externally, while final clean assembly, leak/drift/cross-interference tests, T/P compensation, and factory calibration (using certified span gases or blending systems) are completed internally. Application engineering commonly adds explosion-proof/corrosion-resistant designs, heated sampling, and sample-conditioning skids. Indicative gross margin is usually ~35%?55%: standardized online NDIR tends to be more volume- and cost-driven (~30%?45%), whereas multi-component FTIR, CEMS

packages, and harsh-duty engineered solutions can move higher (~45%?60%) due to software/spectral libraries, conditioning systems, and project content; aftermarket service, calibration, and spares often carry higher margins. Value chain: upstream covers IR sources/detectors, optical filters/interferometers/mirrors, gas-cell materials and seals, pumps/valves/flow control, electronics & industrial communications, certified calibration gases and metrology services; midstream includes OEMs and system integrators (sample conditioning, cabinets, certifications, software platforms); downstream spans chemical & O&G process control, combustion & power, emissions compliance, semiconductor & gas supply, occupational safety, and lab analysis?sold via key-account/EPC direct sales plus channels/integrators for long-tail coverage, forming an integrated ?instrument + project + service? stack.

Market Development Opportunities & Main Driving Factors

Growth in infrared gas analyzers is driven by a powerful overlap of regulatory enforcement, process efficiency, and decarbonization. The EU?s revised Industrial Emissions Directive tightens industrial emissions control and advances digital permitting, accelerating compliance-driven upgrades. In China, the Ministry of Ecology and Environment continues to advance technical specifications and standardized methods for continuous monitoring of stationary sources, strengthening the institutional certainty for online measurement across stack gas, process off-gas, and greenhouse gases. On the corporate side, leading players are expanding their emissions-monitoring and process-analytics capabilities through portfolio moves, while listed Chinese companies disclose FTIR/NDIR product coverage and multi-scenario penetration across environmental, industrial process, and laboratory markets.

Market Challenges, Risks, & Restraints

The key barrier is not 'being able to measure,' but delivering results that remain reliable, auditable, and field-proven over time. IR measurement must handle cross-interference, drift, and variable temperature/humidity/pressure under complex sample matrices, which often requires integrated delivery with sample conditioning, thermal control, and calibration infrastructure?making projects more service-intensive. Regional differences in regulations, certifications, and site acceptance standards raise the bar for traceability and metrological rigor. Brokerage research also notes that spending on environmental and online process analytics can be sensitive to macro and capex cycles, while gaps in critical components or engineering capability can amplify margin volatility and execution risk under intensifying competition.

Downstream Demand Trends

Downstream demand is shifting from 'single concentration readings' toward system-level diagnostics and closed-loop data workflows. In process industries such as steel and coal chemicals, users increasingly prioritize explosion-proofing, corrosion resistance, and low-maintenance online IR analysis to support optimization and safe

operation. On the emissions side, requirements are moving toward multi-component identification, stable performance at low ranges, and stronger data-quality governance?plus tighter integration with regulatory platforms, plant DCS/PLC systems, audit trails, and remote O&M. Ongoing advances in compliance testing and standardized methods are also pushing FTIR/NDIR from standalone instrument sales toward an integrated 'hardware + software + service' value chain.

This report studies the global NDIR and FTIR Infrared Gas Analyzers production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for NDIR and FTIR Infrared Gas Analyzers and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of NDIR and FTIR Infrared Gas Analyzers that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global NDIR and FTIR Infrared Gas Analyzers total production and demand, 2021-2032, (Units)

Global NDIR and FTIR Infrared Gas Analyzers total production value, 2021-2032, (USD Million)

Global NDIR and FTIR Infrared Gas Analyzers production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global NDIR and FTIR Infrared Gas Analyzers consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: NDIR and FTIR Infrared Gas Analyzers domestic production, consumption, key domestic manufacturers and share

Global NDIR and FTIR Infrared Gas Analyzers production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global NDIR and FTIR Infrared Gas Analyzers production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global NDIR and FTIR Infrared Gas Analyzers production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global NDIR and FTIR Infrared Gas Analyzers market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, Fuji Electric, Thermo Fisher Scientific, HORIBA, Emerson, Yokogawa Electric, MKS Inc., CAI ENVEA Group, Gasmet Technologies, Beijing SDL Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World NDIR and FTIR Infrared Gas Analyzers market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global NDIR and FTIR Infrared Gas Analyzers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global NDIR and FTIR Infrared Gas Analyzers Market, Segmentation by Type:

Portable

Desktop

Global NDIR and FTIR Infrared Gas Analyzers Market, Segmentation by Technology:

NDIR

FTIR

Global NDIR and FTIR Infrared Gas Analyzers Market, Segmentation by Measurement Form:

Extractive

In-situ

Open-path

Global NDIR and FTIR Infrared Gas Analyzers Market, Segmentation by Component:

Single Component

Multi-Component

Global NDIR and FTIR Infrared Gas Analyzers Market, Segmentation by Application:

Energy and Electricity

Oil and Gas

Chemicals and Petrochemicals

Metals and Mining

Fertilizers and Cement

Education and Scientific Research

Waste Incineration

Automotive Industry

Others

Companies Profiled:

ABB

Fuji Electric

Thermo Fisher Scientific

HORIBA

Emerson

Yokogawa Electric

MKS Inc.

CAI ENVEA Group

Gasmet Technologies

Beijing SDL Technology

Shimadzu

Servomex (Spectris)

Siemens

Endress+Hauser

Focused Photonics Inc.

Teledyne Analytical Instruments

AMETEK

Bruker

Cubic Sensor and Instrument

Nanhua Instrument

Shanghai ChangAi

LI-COR Environmental

LESHI Tech

Beijing Jun-Fang-LI-HUA

Protea Ltd

Beijing Xibi Instrument

Wuhan Ganwei Technology

Qingdao lonying

Beijing HUAYUN Analytical Instrument

Hangzhou Chunlai Technology

SIGAS Measurement

Key Questions Answered:

1. How big is the global NDIR and FTIR Infrared Gas Analyzers market?
2. What is the demand of the global NDIR and FTIR Infrared Gas Analyzers market?
3. What is the year over year growth of the global NDIR and FTIR Infrared Gas Analyzers market?
4. What is the production and production value of the global NDIR and FTIR Infrared Gas Analyzers market?
5. Who are the key producers in the global NDIR and FTIR Infrared Gas Analyzers market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 NDIR and FTIR Infrared Gas Analyzers Introduction
- 1.2 World NDIR and FTIR Infrared Gas Analyzers Supply & Forecast
 - 1.2.1 World NDIR and FTIR Infrared Gas Analyzers Production Value (2021 & 2025 & 2032)
 - 1.2.2 World NDIR and FTIR Infrared Gas Analyzers Production (2021-2032)
 - 1.2.3 World NDIR and FTIR Infrared Gas Analyzers Pricing Trends (2021-2032)
- 1.3 World NDIR and FTIR Infrared Gas Analyzers Production by Region (Based on Production Site)
 - 1.3.1 World NDIR and FTIR Infrared Gas Analyzers Production Value by Region (2021-2032)
 - 1.3.2 World NDIR and FTIR Infrared Gas Analyzers Production by Region (2021-2032)
 - 1.3.3 World NDIR and FTIR Infrared Gas Analyzers Average Price by Region (2021-2032)
 - 1.3.4 North America NDIR and FTIR Infrared Gas Analyzers Production (2021-2032)
 - 1.3.5 Europe NDIR and FTIR Infrared Gas Analyzers Production (2021-2032)
 - 1.3.6 China NDIR and FTIR Infrared Gas Analyzers Production (2021-2032)
 - 1.3.7 Japan NDIR and FTIR Infrared Gas Analyzers Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 NDIR and FTIR Infrared Gas Analyzers Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 NDIR and FTIR Infrared Gas Analyzers Major Market Trends

2 DEMAND SUMMARY

- 2.1 World NDIR and FTIR Infrared Gas Analyzers Demand (2021-2032)
- 2.2 World NDIR and FTIR Infrared Gas Analyzers Consumption by Region
 - 2.2.1 World NDIR and FTIR Infrared Gas Analyzers Consumption by Region (2021-2026)
 - 2.2.2 World NDIR and FTIR Infrared Gas Analyzers Consumption Forecast by Region (2027-2032)
- 2.3 United States NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032)
- 2.4 China NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032)
- 2.5 Europe NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032)
- 2.6 Japan NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032)
- 2.7 South Korea NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032)

2.8 ASEAN NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032)

2.9 India NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World NDIR and FTIR Infrared Gas Analyzers Production Value by Manufacturer (2021-2026)

3.2 World NDIR and FTIR Infrared Gas Analyzers Production by Manufacturer (2021-2026)

3.3 World NDIR and FTIR Infrared Gas Analyzers Average Price by Manufacturer (2021-2026)

3.4 NDIR and FTIR Infrared Gas Analyzers Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global NDIR and FTIR Infrared Gas Analyzers Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for NDIR and FTIR Infrared Gas Analyzers in 2025

3.5.3 Global Concentration Ratios (CR8) for NDIR and FTIR Infrared Gas Analyzers in 2025

3.6 NDIR and FTIR Infrared Gas Analyzers Market: Overall Company Footprint Analysis

3.6.1 NDIR and FTIR Infrared Gas Analyzers Market: Region Footprint

3.6.2 NDIR and FTIR Infrared Gas Analyzers Market: Company Product Type Footprint

3.6.3 NDIR and FTIR Infrared Gas Analyzers Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: NDIR and FTIR Infrared Gas Analyzers Production Value Comparison

4.1.1 United States VS China: NDIR and FTIR Infrared Gas Analyzers Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: NDIR and FTIR Infrared Gas Analyzers Production

Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: NDIR and FTIR Infrared Gas Analyzers Production Comparison

4.2.1 United States VS China: NDIR and FTIR Infrared Gas Analyzers Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: NDIR and FTIR Infrared Gas Analyzers Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: NDIR and FTIR Infrared Gas Analyzers Consumption Comparison

4.3.1 United States VS China: NDIR and FTIR Infrared Gas Analyzers Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: NDIR and FTIR Infrared Gas Analyzers Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based NDIR and FTIR Infrared Gas Analyzers Manufacturers and Market Share, 2021-2026

4.4.1 United States Based NDIR and FTIR Infrared Gas Analyzers Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value (2021-2026)

4.4.3 United States Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production (2021-2026)

4.5 China Based NDIR and FTIR Infrared Gas Analyzers Manufacturers and Market Share

4.5.1 China Based NDIR and FTIR Infrared Gas Analyzers Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value (2021-2026)

4.5.3 China Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production (2021-2026)

4.6 Rest of World Based NDIR and FTIR Infrared Gas Analyzers Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based NDIR and FTIR Infrared Gas Analyzers Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World NDIR and FTIR Infrared Gas Analyzers Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Portable

5.2.2 Desktop

5.3 Market Segment by Type

5.3.1 World NDIR and FTIR Infrared Gas Analyzers Production by Type (2021-2032)

5.3.2 World NDIR and FTIR Infrared Gas Analyzers Production Value by Type (2021-2032)

5.3.3 World NDIR and FTIR Infrared Gas Analyzers Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY TECHNOLOGY

6.1 World NDIR and FTIR Infrared Gas Analyzers Market Size Overview by Technology: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Technology

6.2.1 NDIR

6.2.2 FTIR

6.3 Market Segment by Technology

6.3.1 World NDIR and FTIR Infrared Gas Analyzers Production by Technology (2021-2032)

6.3.2 World NDIR and FTIR Infrared Gas Analyzers Production Value by Technology (2021-2032)

6.3.3 World NDIR and FTIR Infrared Gas Analyzers Average Price by Technology (2021-2032)

7 MARKET ANALYSIS BY MEASUREMENT FORM

7.1 World NDIR and FTIR Infrared Gas Analyzers Market Size Overview by Measurement Form: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Measurement Form

7.2.1 Extractive

7.2.2 In-situ

7.2.3 Open-path

7.3 Market Segment by Measurement Form

7.3.1 World NDIR and FTIR Infrared Gas Analyzers Production by Measurement Form (2021-2032)

7.3.2 World NDIR and FTIR Infrared Gas Analyzers Production Value by Measurement Form (2021-2032)

7.3.3 World NDIR and FTIR Infrared Gas Analyzers Average Price by Measurement Form (2021-2032)

8 MARKET ANALYSIS BY COMPONENT

8.1 World NDIR and FTIR Infrared Gas Analyzers Market Size Overview by Component: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Component

8.2.1 Single Component

8.2.2 Multi-Component

8.3 Market Segment by Component

8.3.1 World NDIR and FTIR Infrared Gas Analyzers Production by Component (2021-2032)

8.3.2 World NDIR and FTIR Infrared Gas Analyzers Production Value by Component (2021-2032)

8.3.3 World NDIR and FTIR Infrared Gas Analyzers Average Price by Component (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World NDIR and FTIR Infrared Gas Analyzers Market Size Overview by Application: 2021 VS 2025 VS 2032

9.2 Segment Introduction by Application

9.2.1 Energy and Electricity

9.2.2 Oil and Gas

9.2.3 Chemicals and Petrochemicals

9.2.4 Metals and Mining

9.2.5 Fertilizers and Cement

9.2.6 Education and Scientific Research

9.2.7 Waste Incineration

9.2.8 Automotive Industry

9.2.9 Others

9.3 Market Segment by Application

9.3.1 World NDIR and FTIR Infrared Gas Analyzers Production by Application (2021-2032)

9.3.2 World NDIR and FTIR Infrared Gas Analyzers Production Value by Application (2021-2032)

9.3.3 World NDIR and FTIR Infrared Gas Analyzers Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 ABB

10.1.1 ABB Details

10.1.2 ABB Major Business

10.1.3 ABB NDIR and FTIR Infrared Gas Analyzers Product and Services

10.1.4 ABB NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.1.5 ABB Recent Developments/Updates

10.1.6 ABB Competitive Strengths & Weaknesses

10.2 Fuji Electric

10.2.1 Fuji Electric Details

10.2.2 Fuji Electric Major Business

10.2.3 Fuji Electric NDIR and FTIR Infrared Gas Analyzers Product and Services

10.2.4 Fuji Electric NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.2.5 Fuji Electric Recent Developments/Updates

10.2.6 Fuji Electric Competitive Strengths & Weaknesses

10.3 Thermo Fisher Scientific

10.3.1 Thermo Fisher Scientific Details

10.3.2 Thermo Fisher Scientific Major Business

10.3.3 Thermo Fisher Scientific NDIR and FTIR Infrared Gas Analyzers Product and Services

10.3.4 Thermo Fisher Scientific NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.3.5 Thermo Fisher Scientific Recent Developments/Updates

10.3.6 Thermo Fisher Scientific Competitive Strengths & Weaknesses

10.4 HORIBA

10.4.1 HORIBA Details

10.4.2 HORIBA Major Business

10.4.3 HORIBA NDIR and FTIR Infrared Gas Analyzers Product and Services

10.4.4 HORIBA NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.4.5 HORIBA Recent Developments/Updates

10.4.6 HORIBA Competitive Strengths & Weaknesses

10.5 Emerson

- 10.5.1 Emerson Details
- 10.5.2 Emerson Major Business
- 10.5.3 Emerson NDIR and FTIR Infrared Gas Analyzers Product and Services
- 10.5.4 Emerson NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.5.5 Emerson Recent Developments/Updates
- 10.5.6 Emerson Competitive Strengths & Weaknesses
- 10.6 Yokogawa Electric
 - 10.6.1 Yokogawa Electric Details
 - 10.6.2 Yokogawa Electric Major Business
 - 10.6.3 Yokogawa Electric NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.6.4 Yokogawa Electric NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.6.5 Yokogawa Electric Recent Developments/Updates
 - 10.6.6 Yokogawa Electric Competitive Strengths & Weaknesses
- 10.7 MKS Inc.
 - 10.7.1 MKS Inc. Details
 - 10.7.2 MKS Inc. Major Business
 - 10.7.3 MKS Inc. NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.7.4 MKS Inc. NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.7.5 MKS Inc. Recent Developments/Updates
 - 10.7.6 MKS Inc. Competitive Strengths & Weaknesses
- 10.8 CAI ENVEA Group
 - 10.8.1 CAI ENVEA Group Details
 - 10.8.2 CAI ENVEA Group Major Business
 - 10.8.3 CAI ENVEA Group NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.8.4 CAI ENVEA Group NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.8.5 CAI ENVEA Group Recent Developments/Updates
 - 10.8.6 CAI ENVEA Group Competitive Strengths & Weaknesses
- 10.9 Gaset Technologies
 - 10.9.1 Gaset Technologies Details
 - 10.9.2 Gaset Technologies Major Business
 - 10.9.3 Gaset Technologies NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.9.4 Gaset Technologies NDIR and FTIR Infrared Gas Analyzers Production,

Price, Value, Gross Margin and Market Share (2021-2026)

10.9.5 Gasmet Technologies Recent Developments/Updates

10.9.6 Gasmet Technologies Competitive Strengths & Weaknesses

10.10 Beijing SDL Technology

10.10.1 Beijing SDL Technology Details

10.10.2 Beijing SDL Technology Major Business

10.10.3 Beijing SDL Technology NDIR and FTIR Infrared Gas Analyzers Product and Services

10.10.4 Beijing SDL Technology NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.10.5 Beijing SDL Technology Recent Developments/Updates

10.10.6 Beijing SDL Technology Competitive Strengths & Weaknesses

10.11 Shimadzu

10.11.1 Shimadzu Details

10.11.2 Shimadzu Major Business

10.11.3 Shimadzu NDIR and FTIR Infrared Gas Analyzers Product and Services

10.11.4 Shimadzu NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.11.5 Shimadzu Recent Developments/Updates

10.11.6 Shimadzu Competitive Strengths & Weaknesses

10.12 Servomex (Spectris)

10.12.1 Servomex (Spectris) Details

10.12.2 Servomex (Spectris) Major Business

10.12.3 Servomex (Spectris) NDIR and FTIR Infrared Gas Analyzers Product and Services

10.12.4 Servomex (Spectris) NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.12.5 Servomex (Spectris) Recent Developments/Updates

10.12.6 Servomex (Spectris) Competitive Strengths & Weaknesses

10.13 Siemens

10.13.1 Siemens Details

10.13.2 Siemens Major Business

10.13.3 Siemens NDIR and FTIR Infrared Gas Analyzers Product and Services

10.13.4 Siemens NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.13.5 Siemens Recent Developments/Updates

10.13.6 Siemens Competitive Strengths & Weaknesses

10.14 Endress+Hauser

10.14.1 Endress+Hauser Details

- 10.14.2 Endress+Hauser Major Business
- 10.14.3 Endress+Hauser NDIR and FTIR Infrared Gas Analyzers Product and Services
- 10.14.4 Endress+Hauser NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.14.5 Endress+Hauser Recent Developments/Updates
- 10.14.6 Endress+Hauser Competitive Strengths & Weaknesses
- 10.15 Focused Photonics Inc.
- 10.15.1 Focused Photonics Inc. Details
- 10.15.2 Focused Photonics Inc. Major Business
- 10.15.3 Focused Photonics Inc. NDIR and FTIR Infrared Gas Analyzers Product and Services
- 10.15.4 Focused Photonics Inc. NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.15.5 Focused Photonics Inc. Recent Developments/Updates
- 10.15.6 Focused Photonics Inc. Competitive Strengths & Weaknesses
- 10.16 Teledyne Analytical Instruments
- 10.16.1 Teledyne Analytical Instruments Details
- 10.16.2 Teledyne Analytical Instruments Major Business
- 10.16.3 Teledyne Analytical Instruments NDIR and FTIR Infrared Gas Analyzers Product and Services
- 10.16.4 Teledyne Analytical Instruments NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.16.5 Teledyne Analytical Instruments Recent Developments/Updates
- 10.16.6 Teledyne Analytical Instruments Competitive Strengths & Weaknesses
- 10.17 AMETEK
- 10.17.1 AMETEK Details
- 10.17.2 AMETEK Major Business
- 10.17.3 AMETEK NDIR and FTIR Infrared Gas Analyzers Product and Services
- 10.17.4 AMETEK NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.17.5 AMETEK Recent Developments/Updates
- 10.17.6 AMETEK Competitive Strengths & Weaknesses
- 10.18 Bruker
- 10.18.1 Bruker Details
- 10.18.2 Bruker Major Business
- 10.18.3 Bruker NDIR and FTIR Infrared Gas Analyzers Product and Services
- 10.18.4 Bruker NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 10.18.5 Bruker Recent Developments/Updates
- 10.18.6 Bruker Competitive Strengths & Weaknesses
- 10.19 Cubic Sensor and Instrument
 - 10.19.1 Cubic Sensor and Instrument Details
 - 10.19.2 Cubic Sensor and Instrument Major Business
 - 10.19.3 Cubic Sensor and Instrument NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.19.4 Cubic Sensor and Instrument NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.19.5 Cubic Sensor and Instrument Recent Developments/Updates
 - 10.19.6 Cubic Sensor and Instrument Competitive Strengths & Weaknesses
- 10.20 Nanhua Instrument
 - 10.20.1 Nanhua Instrument Details
 - 10.20.2 Nanhua Instrument Major Business
 - 10.20.3 Nanhua Instrument NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.20.4 Nanhua Instrument NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.20.5 Nanhua Instrument Recent Developments/Updates
 - 10.20.6 Nanhua Instrument Competitive Strengths & Weaknesses
- 10.21 Shanghai ChangAi
 - 10.21.1 Shanghai ChangAi Details
 - 10.21.2 Shanghai ChangAi Major Business
 - 10.21.3 Shanghai ChangAi NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.21.4 Shanghai ChangAi NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.21.5 Shanghai ChangAi Recent Developments/Updates
 - 10.21.6 Shanghai ChangAi Competitive Strengths & Weaknesses
- 10.22 LI-COR Environmental
 - 10.22.1 LI-COR Environmental Details
 - 10.22.2 LI-COR Environmental Major Business
 - 10.22.3 LI-COR Environmental NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.22.4 LI-COR Environmental NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.22.5 LI-COR Environmental Recent Developments/Updates
 - 10.22.6 LI-COR Environmental Competitive Strengths & Weaknesses
- 10.23 LESH Tech

- 10.23.1 LESH Tech Details
- 10.23.2 LESH Tech Major Business
- 10.23.3 LESH Tech NDIR and FTIR Infrared Gas Analyzers Product and Services
- 10.23.4 LESH Tech NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.23.5 LESH Tech Recent Developments/Updates
- 10.23.6 LESH Tech Competitive Strengths & Weaknesses
- 10.24 Beijing Jun-Fang-LI-HUA
 - 10.24.1 Beijing Jun-Fang-LI-HUA Details
 - 10.24.2 Beijing Jun-Fang-LI-HUA Major Business
 - 10.24.3 Beijing Jun-Fang-LI-HUA NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.24.4 Beijing Jun-Fang-LI-HUA NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.24.5 Beijing Jun-Fang-LI-HUA Recent Developments/Updates
 - 10.24.6 Beijing Jun-Fang-LI-HUA Competitive Strengths & Weaknesses
- 10.25 Protea Ltd
 - 10.25.1 Protea Ltd Details
 - 10.25.2 Protea Ltd Major Business
 - 10.25.3 Protea Ltd NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.25.4 Protea Ltd NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.25.5 Protea Ltd Recent Developments/Updates
 - 10.25.6 Protea Ltd Competitive Strengths & Weaknesses
- 10.26 Beijing Xibi Instrument
 - 10.26.1 Beijing Xibi Instrument Details
 - 10.26.2 Beijing Xibi Instrument Major Business
 - 10.26.3 Beijing Xibi Instrument NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.26.4 Beijing Xibi Instrument NDIR and FTIR Infrared Gas Analyzers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.26.5 Beijing Xibi Instrument Recent Developments/Updates
 - 10.26.6 Beijing Xibi Instrument Competitive Strengths & Weaknesses
- 10.27 Wuhan Ganwei Technology
 - 10.27.1 Wuhan Ganwei Technology Details
 - 10.27.2 Wuhan Ganwei Technology Major Business
 - 10.27.3 Wuhan Ganwei Technology NDIR and FTIR Infrared Gas Analyzers Product and Services
 - 10.27.4 Wuhan Ganwei Technology NDIR and FTIR Infrared Gas Analyzers

Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.27.5 Wuhan Ganwei Technology Recent Developments/Updates

10.27.6 Wuhan Ganwei Technology Competitive Strengths & Weaknesses

10.28 Qingdao lonying

10.28.1 Qingdao lonying Details

10.28.2 Qingdao lonying Major Business

10.28.3 Qingdao lonying NDIR and FTIR Infrared Gas Analyzers Product and Services

10.28.4 Qingdao lonying NDIR and FTIR Infrared Gas Analyzers Production, Price,

Value, Gross Margin and Market Share (2021-2026)

10.28.5 Qingdao lonying Recent Developments/Updates

10.28.6 Qingdao lonying Competitive Strengths & Weaknesses

10.29 Beijing HUAYUN Analytical Instrument

10.29.1 Beijing HUAYUN Analytical Instrument Details

10.29.2 Beijing HUAYUN Analytical Instrument Major Business

10.29.3 Beijing HUAYUN Analytical Instrument NDIR and FTIR Infrared Gas Analyzers

Product and Services

10.29.4 Beijing HUAYUN Analytical Instrument NDIR and FTIR Infrared Gas Analyzers

Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.29.5 Beijing HUAYUN Analytical Instrument Recent Developments/Updates

10.29.6 Beijing HUAYUN Analytical Instrument Competitive Strengths & Weaknesses

10.30 Hangzhou Chunlai Technology

10.30.1 Hangzhou Chunlai Technology Details

10.30.2 Hangzhou Chunlai Technology Major Business

10.30.3 Hangzhou Chunlai Technology NDIR and FTIR Infrared Gas Analyzers

Product and Services

10.30.4 Hangzhou Chunlai Technology NDIR and FTIR Infrared Gas Analyzers

Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.30.5 Hangzhou Chunlai Technology Recent Developments/Updates

10.30.6 Hangzhou Chunlai Technology Competitive Strengths & Weaknesses

10.31 SIGAS Measurement

10.31.1 SIGAS Measurement Details

10.31.2 SIGAS Measurement Major Business

10.31.3 SIGAS Measurement NDIR and FTIR Infrared Gas Analyzers Product and

Services

10.31.4 SIGAS Measurement NDIR and FTIR Infrared Gas Analyzers Production,

Price, Value, Gross Margin and Market Share (2021-2026)

10.31.5 SIGAS Measurement Recent Developments/Updates

10.31.6 SIGAS Measurement Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 NDIR and FTIR Infrared Gas Analyzers Industry Chain

11.2 NDIR and FTIR Infrared Gas Analyzers Upstream Analysis

11.2.1 NDIR and FTIR Infrared Gas Analyzers Core Raw Materials

11.2.2 Main Manufacturers of NDIR and FTIR Infrared Gas Analyzers Core Raw Materials

11.3 Midstream Analysis

11.4 Downstream Analysis

11.5 NDIR and FTIR Infrared Gas Analyzers Production Mode

11.6 NDIR and FTIR Infrared Gas Analyzers Procurement Model

11.7 NDIR and FTIR Infrared Gas Analyzers Industry Sales Model and Sales Channels

11.7.1 NDIR and FTIR Infrared Gas Analyzers Sales Model

11.7.2 NDIR and FTIR Infrared Gas Analyzers Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology

13.2 Research Process and Data Source

13.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World NDIR and FTIR Infrared Gas Analyzers Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World NDIR and FTIR Infrared Gas Analyzers Production Value by Region (2021-2026) & (USD Million)

Table 3. World NDIR and FTIR Infrared Gas Analyzers Production Value by Region (2027-2032) & (USD Million)

Table 4. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Region (2021-2026)

Table 5. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Region (2027-2032)

Table 6. World NDIR and FTIR Infrared Gas Analyzers Production by Region (2021-2026) & (Units)

Table 7. World NDIR and FTIR Infrared Gas Analyzers Production by Region (2027-2032) & (Units)

Table 8. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Region (2021-2026)

Table 9. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Region (2027-2032)

Table 10. World NDIR and FTIR Infrared Gas Analyzers Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World NDIR and FTIR Infrared Gas Analyzers Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. NDIR and FTIR Infrared Gas Analyzers Major Market Trends

Table 13. World NDIR and FTIR Infrared Gas Analyzers Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World NDIR and FTIR Infrared Gas Analyzers Consumption by Region (2021-2026) & (Units)

Table 15. World NDIR and FTIR Infrared Gas Analyzers Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World NDIR and FTIR Infrared Gas Analyzers Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key NDIR and FTIR Infrared Gas Analyzers Producers in 2025

Table 18. World NDIR and FTIR Infrared Gas Analyzers Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key NDIR and FTIR Infrared Gas Analyzers Producers in 2025

Table 20. World NDIR and FTIR Infrared Gas Analyzers Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global NDIR and FTIR Infrared Gas Analyzers Company Evaluation Quadrant

Table 22. World NDIR and FTIR Infrared Gas Analyzers Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and NDIR and FTIR Infrared Gas Analyzers Production Site of Key Manufacturer

Table 24. NDIR and FTIR Infrared Gas Analyzers Market: Company Product Type Footprint

Table 25. NDIR and FTIR Infrared Gas Analyzers Market: Company Product Application Footprint

Table 26. NDIR and FTIR Infrared Gas Analyzers Competitive Factors

Table 27. NDIR and FTIR Infrared Gas Analyzers New Entrant and Capacity Expansion Plans

Table 28. NDIR and FTIR Infrared Gas Analyzers Mergers & Acquisitions Activity

Table 29. United States VS China NDIR and FTIR Infrared Gas Analyzers Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China NDIR and FTIR Infrared Gas Analyzers Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China NDIR and FTIR Infrared Gas Analyzers Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based NDIR and FTIR Infrared Gas Analyzers Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Market Share (2021-2026)

Table 37. China Based NDIR and FTIR Infrared Gas Analyzers Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Market Share (2021-2026)

Table 42. Rest of World Based NDIR and FTIR Infrared Gas Analyzers Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Market Share (2021-2026)

Table 47. World NDIR and FTIR Infrared Gas Analyzers Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World NDIR and FTIR Infrared Gas Analyzers Production by Type (2021-2026) & (Units)

Table 49. World NDIR and FTIR Infrared Gas Analyzers Production by Type (2027-2032) & (Units)

Table 50. World NDIR and FTIR Infrared Gas Analyzers Production Value by Type (2021-2026) & (USD Million)

Table 51. World NDIR and FTIR Infrared Gas Analyzers Production Value by Type (2027-2032) & (USD Million)

Table 52. World NDIR and FTIR Infrared Gas Analyzers Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World NDIR and FTIR Infrared Gas Analyzers Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World NDIR and FTIR Infrared Gas Analyzers Production Value by Technology, (USD Million), 2021 & 2025 & 2032

Table 55. World NDIR and FTIR Infrared Gas Analyzers Production by Technology (2021-2026) & (Units)

Table 56. World NDIR and FTIR Infrared Gas Analyzers Production by Technology (2027-2032) & (Units)

Table 57. World NDIR and FTIR Infrared Gas Analyzers Production Value by Technology (2021-2026) & (USD Million)

Table 58. World NDIR and FTIR Infrared Gas Analyzers Production Value by Technology (2027-2032) & (USD Million)

Table 59. World NDIR and FTIR Infrared Gas Analyzers Average Price by Technology

(2021-2026) & (US\$/Unit)

Table 60. World NDIR and FTIR Infrared Gas Analyzers Average Price by Technology (2027-2032) & (US\$/Unit)

Table 61. World NDIR and FTIR Infrared Gas Analyzers Production Value by Measurement Form, (USD Million), 2021 & 2025 & 2032

Table 62. World NDIR and FTIR Infrared Gas Analyzers Production by Measurement Form (2021-2026) & (Units)

Table 63. World NDIR and FTIR Infrared Gas Analyzers Production by Measurement Form (2027-2032) & (Units)

Table 64. World NDIR and FTIR Infrared Gas Analyzers Production Value by Measurement Form (2021-2026) & (USD Million)

Table 65. World NDIR and FTIR Infrared Gas Analyzers Production Value by Measurement Form (2027-2032) & (USD Million)

Table 66. World NDIR and FTIR Infrared Gas Analyzers Average Price by Measurement Form (2021-2026) & (US\$/Unit)

Table 67. World NDIR and FTIR Infrared Gas Analyzers Average Price by Measurement Form (2027-2032) & (US\$/Unit)

Table 68. World NDIR and FTIR Infrared Gas Analyzers Production Value by Component, (USD Million), 2021 & 2025 & 2032

Table 69. World NDIR and FTIR Infrared Gas Analyzers Production by Component (2021-2026) & (Units)

Table 70. World NDIR and FTIR Infrared Gas Analyzers Production by Component (2027-2032) & (Units)

Table 71. World NDIR and FTIR Infrared Gas Analyzers Production Value by Component (2021-2026) & (USD Million)

Table 72. World NDIR and FTIR Infrared Gas Analyzers Production Value by Component (2027-2032) & (USD Million)

Table 73. World NDIR and FTIR Infrared Gas Analyzers Average Price by Component (2021-2026) & (US\$/Unit)

Table 74. World NDIR and FTIR Infrared Gas Analyzers Average Price by Component (2027-2032) & (US\$/Unit)

Table 75. World NDIR and FTIR Infrared Gas Analyzers Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 76. World NDIR and FTIR Infrared Gas Analyzers Production by Application (2021-2026) & (Units)

Table 77. World NDIR and FTIR Infrared Gas Analyzers Production by Application (2027-2032) & (Units)

Table 78. World NDIR and FTIR Infrared Gas Analyzers Production Value by Application (2021-2026) & (USD Million)

- Table 79. World NDIR and FTIR Infrared Gas Analyzers Production Value by Application (2027-2032) & (USD Million)
- Table 80. World NDIR and FTIR Infrared Gas Analyzers Average Price by Application (2021-2026) & (US\$/Unit)
- Table 81. World NDIR and FTIR Infrared Gas Analyzers Average Price by Application (2027-2032) & (US\$/Unit)
- Table 82. ABB Basic Information, Manufacturing Base and Competitors
- Table 83. ABB Major Business
- Table 84. ABB NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 85. ABB NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 86. ABB Recent Developments/Updates
- Table 87. ABB Competitive Strengths & Weaknesses
- Table 88. Fuji Electric Basic Information, Manufacturing Base and Competitors
- Table 89. Fuji Electric Major Business
- Table 90. Fuji Electric NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 91. Fuji Electric NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 92. Fuji Electric Recent Developments/Updates
- Table 93. Fuji Electric Competitive Strengths & Weaknesses
- Table 94. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors
- Table 95. Thermo Fisher Scientific Major Business
- Table 96. Thermo Fisher Scientific NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 97. Thermo Fisher Scientific NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 98. Thermo Fisher Scientific Recent Developments/Updates
- Table 99. Thermo Fisher Scientific Competitive Strengths & Weaknesses
- Table 100. HORIBA Basic Information, Manufacturing Base and Competitors
- Table 101. HORIBA Major Business
- Table 102. HORIBA NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 103. HORIBA NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 104. HORIBA Recent Developments/Updates

Table 105. HORIBA Competitive Strengths & Weaknesses

Table 106. Emerson Basic Information, Manufacturing Base and Competitors

Table 107. Emerson Major Business

Table 108. Emerson NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 109. Emerson NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 110. Emerson Recent Developments/Updates

Table 111. Emerson Competitive Strengths & Weaknesses

Table 112. Yokogawa Electric Basic Information, Manufacturing Base and Competitors

Table 113. Yokogawa Electric Major Business

Table 114. Yokogawa Electric NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 115. Yokogawa Electric NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 116. Yokogawa Electric Recent Developments/Updates

Table 117. Yokogawa Electric Competitive Strengths & Weaknesses

Table 118. MKS Inc. Basic Information, Manufacturing Base and Competitors

Table 119. MKS Inc. Major Business

Table 120. MKS Inc. NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 121. MKS Inc. NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 122. MKS Inc. Recent Developments/Updates

Table 123. MKS Inc. Competitive Strengths & Weaknesses

Table 124. CAI ENVEA Group Basic Information, Manufacturing Base and Competitors

Table 125. CAI ENVEA Group Major Business

Table 126. CAI ENVEA Group NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 127. CAI ENVEA Group NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 128. CAI ENVEA Group Recent Developments/Updates

Table 129. CAI ENVEA Group Competitive Strengths & Weaknesses

Table 130. Gasmet Technologies Basic Information, Manufacturing Base and Competitors

Table 131. Gasmet Technologies Major Business

Table 132. Gasmet Technologies NDIR and FTIR Infrared Gas Analyzers Product and

Services

Table 133. Gasmet Technologies NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 134. Gasmet Technologies Recent Developments/Updates

Table 135. Gasmet Technologies Competitive Strengths & Weaknesses

Table 136. Beijing SDL Technology Basic Information, Manufacturing Base and Competitors

Table 137. Beijing SDL Technology Major Business

Table 138. Beijing SDL Technology NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 139. Beijing SDL Technology NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 140. Beijing SDL Technology Recent Developments/Updates

Table 141. Beijing SDL Technology Competitive Strengths & Weaknesses

Table 142. Shimadzu Basic Information, Manufacturing Base and Competitors

Table 143. Shimadzu Major Business

Table 144. Shimadzu NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 145. Shimadzu NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 146. Shimadzu Recent Developments/Updates

Table 147. Shimadzu Competitive Strengths & Weaknesses

Table 148. Servomex (Spectris) Basic Information, Manufacturing Base and Competitors

Table 149. Servomex (Spectris) Major Business

Table 150. Servomex (Spectris) NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 151. Servomex (Spectris) NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 152. Servomex (Spectris) Recent Developments/Updates

Table 153. Servomex (Spectris) Competitive Strengths & Weaknesses

Table 154. Siemens Basic Information, Manufacturing Base and Competitors

Table 155. Siemens Major Business

Table 156. Siemens NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 157. Siemens NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 158. Siemens Recent Developments/Updates

Table 159. Siemens Competitive Strengths & Weaknesses

Table 160. Endress+Hauser Basic Information, Manufacturing Base and Competitors

Table 161. Endress+Hauser Major Business

Table 162. Endress+Hauser NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 163. Endress+Hauser NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 164. Endress+Hauser Recent Developments/Updates

Table 165. Endress+Hauser Competitive Strengths & Weaknesses

Table 166. Focused Photonics Inc. Basic Information, Manufacturing Base and Competitors

Table 167. Focused Photonics Inc. Major Business

Table 168. Focused Photonics Inc. NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 169. Focused Photonics Inc. NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 170. Focused Photonics Inc. Recent Developments/Updates

Table 171. Focused Photonics Inc. Competitive Strengths & Weaknesses

Table 172. Teledyne Analytical Instruments Basic Information, Manufacturing Base and Competitors

Table 173. Teledyne Analytical Instruments Major Business

Table 174. Teledyne Analytical Instruments NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 175. Teledyne Analytical Instruments NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 176. Teledyne Analytical Instruments Recent Developments/Updates

Table 177. Teledyne Analytical Instruments Competitive Strengths & Weaknesses

Table 178. AMETEK Basic Information, Manufacturing Base and Competitors

Table 179. AMETEK Major Business

Table 180. AMETEK NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 181. AMETEK NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 182. AMETEK Recent Developments/Updates

- Table 183. AMETEK Competitive Strengths & Weaknesses
- Table 184. Bruker Basic Information, Manufacturing Base and Competitors
- Table 185. Bruker Major Business
- Table 186. Bruker NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 187. Bruker NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 188. Bruker Recent Developments/Updates
- Table 189. Bruker Competitive Strengths & Weaknesses
- Table 190. Cubic Sensor and Instrument Basic Information, Manufacturing Base and Competitors
- Table 191. Cubic Sensor and Instrument Major Business
- Table 192. Cubic Sensor and Instrument NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 193. Cubic Sensor and Instrument NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 194. Cubic Sensor and Instrument Recent Developments/Updates
- Table 195. Cubic Sensor and Instrument Competitive Strengths & Weaknesses
- Table 196. Nanhua Instrument Basic Information, Manufacturing Base and Competitors
- Table 197. Nanhua Instrument Major Business
- Table 198. Nanhua Instrument NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 199. Nanhua Instrument NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 200. Nanhua Instrument Recent Developments/Updates
- Table 201. Nanhua Instrument Competitive Strengths & Weaknesses
- Table 202. Shanghai ChangAi Basic Information, Manufacturing Base and Competitors
- Table 203. Shanghai ChangAi Major Business
- Table 204. Shanghai ChangAi NDIR and FTIR Infrared Gas Analyzers Product and Services
- Table 205. Shanghai ChangAi NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 206. Shanghai ChangAi Recent Developments/Updates
- Table 207. Shanghai ChangAi Competitive Strengths & Weaknesses
- Table 208. LI-COR Environmental Basic Information, Manufacturing Base and Competitors

Table 209. LI-COR Environmental Major Business

Table 210. LI-COR Environmental NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 211. LI-COR Environmental NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 212. LI-COR Environmental Recent Developments/Updates

Table 213. LI-COR Environmental Competitive Strengths & Weaknesses

Table 214. LESH Tech Basic Information, Manufacturing Base and Competitors

Table 215. LESH Tech Major Business

Table 216. LESH Tech NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 217. LESH Tech NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 218. LESH Tech Recent Developments/Updates

Table 219. LESH Tech Competitive Strengths & Weaknesses

Table 220. Beijing Jun-Fang-LI-HUA Basic Information, Manufacturing Base and Competitors

Table 221. Beijing Jun-Fang-LI-HUA Major Business

Table 222. Beijing Jun-Fang-LI-HUA NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 223. Beijing Jun-Fang-LI-HUA NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 224. Beijing Jun-Fang-LI-HUA Recent Developments/Updates

Table 225. Beijing Jun-Fang-LI-HUA Competitive Strengths & Weaknesses

Table 226. Protea Ltd Basic Information, Manufacturing Base and Competitors

Table 227. Protea Ltd Major Business

Table 228. Protea Ltd NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 229. Protea Ltd NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 230. Protea Ltd Recent Developments/Updates

Table 231. Protea Ltd Competitive Strengths & Weaknesses

Table 232. Beijing Xibi Instrument Basic Information, Manufacturing Base and Competitors

Table 233. Beijing Xibi Instrument Major Business

Table 234. Beijing Xibi Instrument NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 235. Beijing Xibi Instrument NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 236. Beijing Xibi Instrument Recent Developments/Updates

Table 237. Beijing Xibi Instrument Competitive Strengths & Weaknesses

Table 238. Wuhan Ganwei Technology Basic Information, Manufacturing Base and Competitors

Table 239. Wuhan Ganwei Technology Major Business

Table 240. Wuhan Ganwei Technology NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 241. Wuhan Ganwei Technology NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 242. Wuhan Ganwei Technology Recent Developments/Updates

Table 243. Wuhan Ganwei Technology Competitive Strengths & Weaknesses

Table 244. Qingdao lonying Basic Information, Manufacturing Base and Competitors

Table 245. Qingdao lonying Major Business

Table 246. Qingdao lonying NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 247. Qingdao lonying NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 248. Qingdao lonying Recent Developments/Updates

Table 249. Qingdao lonying Competitive Strengths & Weaknesses

Table 250. Beijing HUAYUN Analytical Instrument Basic Information, Manufacturing Base and Competitors

Table 251. Beijing HUAYUN Analytical Instrument Major Business

Table 252. Beijing HUAYUN Analytical Instrument NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 253. Beijing HUAYUN Analytical Instrument NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 254. Beijing HUAYUN Analytical Instrument Recent Developments/Updates

Table 255. Beijing HUAYUN Analytical Instrument Competitive Strengths & Weaknesses

Table 256. Hangzhou Chunlai Technology Basic Information, Manufacturing Base and Competitors

Table 257. Hangzhou Chunlai Technology Major Business

Table 258. Hangzhou Chunlai Technology NDIR and FTIR Infrared Gas Analyzers

Product and Services

Table 259. Hangzhou Chunlai Technology NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 260. Hangzhou Chunlai Technology Recent Developments/Updates

Table 261. Hangzhou Chunlai Technology Competitive Strengths & Weaknesses

Table 262. SIGAS Measurement Basic Information, Manufacturing Base and Competitors

Table 263. SIGAS Measurement Major Business

Table 264. SIGAS Measurement NDIR and FTIR Infrared Gas Analyzers Product and Services

Table 265. SIGAS Measurement NDIR and FTIR Infrared Gas Analyzers Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 266. SIGAS Measurement Recent Developments/Updates

Table 267. SIGAS Measurement Competitive Strengths & Weaknesses

Table 268. Global Key Players of NDIR and FTIR Infrared Gas Analyzers Upstream (Raw Materials)

Table 269. Global NDIR and FTIR Infrared Gas Analyzers Typical Customers

Table 270. NDIR and FTIR Infrared Gas Analyzers Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. NDIR and FTIR Infrared Gas Analyzers Picture

Figure 2. World NDIR and FTIR Infrared Gas Analyzers Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World NDIR and FTIR Infrared Gas Analyzers Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World NDIR and FTIR Infrared Gas Analyzers Production (2021-2032) & (Units)

Figure 5. World NDIR and FTIR Infrared Gas Analyzers Average Price (2021-2032) & (US\$/Unit)

Figure 6. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Region (2021-2032)

Figure 7. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Region (2021-2032)

Figure 8. North America NDIR and FTIR Infrared Gas Analyzers Production (2021-2032) & (Units)

Figure 9. Europe NDIR and FTIR Infrared Gas Analyzers Production (2021-2032) & (Units)

Figure 10. China NDIR and FTIR Infrared Gas Analyzers Production (2021-2032) & (Units)

Figure 11. Japan NDIR and FTIR Infrared Gas Analyzers Production (2021-2032) & (Units)

Figure 12. NDIR and FTIR Infrared Gas Analyzers Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 15. World NDIR and FTIR Infrared Gas Analyzers Consumption Market Share by Region (2021-2032)

Figure 16. United States NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 17. China NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 18. Europe NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 19. Japan NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 20. South Korea NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 21. ASEAN NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 22. India NDIR and FTIR Infrared Gas Analyzers Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of NDIR and FTIR Infrared Gas Analyzers by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for NDIR and FTIR Infrared Gas Analyzers Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for NDIR and FTIR Infrared Gas Analyzers Markets in 2025

Figure 26. United States VS China: NDIR and FTIR Infrared Gas Analyzers Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: NDIR and FTIR Infrared Gas Analyzers Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: NDIR and FTIR Infrared Gas Analyzers Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Market Share 2025

Figure 30. China Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Market Share 2025

Figure 31. Rest of World Based Manufacturers NDIR and FTIR Infrared Gas Analyzers Production Market Share 2025

Figure 32. World NDIR and FTIR Infrared Gas Analyzers Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Type in 2025

Figure 34. Portable

Figure 35. Desktop

Figure 36. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Type (2021-2032)

Figure 37. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Type (2021-2032)

Figure 38. World NDIR and FTIR Infrared Gas Analyzers Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World NDIR and FTIR Infrared Gas Analyzers Production Value by Technology, (USD Million), 2021 & 2025 & 2032

Figure 40. World NDIR and FTIR Infrared Gas Analyzers Production Value Market

Share by Technology in 2025

Figure 41. NDIR

Figure 42. FTIR

Figure 43. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Technology (2021-2032)

Figure 44. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Technology (2021-2032)

Figure 45. World NDIR and FTIR Infrared Gas Analyzers Average Price by Technology (2021-2032) & (US\$/Unit)

Figure 46. World NDIR and FTIR Infrared Gas Analyzers Production Value by Measurement Form, (USD Million), 2021 & 2025 & 2032

Figure 47. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Measurement Form in 2025

Figure 48. Extractive

Figure 49. In-situ

Figure 50. Open-path

Figure 51. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Measurement Form (2021-2032)

Figure 52. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Measurement Form (2021-2032)

Figure 53. World NDIR and FTIR Infrared Gas Analyzers Average Price by Measurement Form (2021-2032) & (US\$/Unit)

Figure 54. World NDIR and FTIR Infrared Gas Analyzers Production Value by Component, (USD Million), 2021 & 2025 & 2032

Figure 55. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Component in 2025

Figure 56. Single Component

Figure 57. Multi-Component

Figure 58. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Component (2021-2032)

Figure 59. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Component (2021-2032)

Figure 60. World NDIR and FTIR Infrared Gas Analyzers Average Price by Component (2021-2032) & (US\$/Unit)

Figure 61. World NDIR and FTIR Infrared Gas Analyzers Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 62. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Application in 2025

Figure 63. Energy and Electricity

Figure 64. Oil and Gas

Figure 65. Chemicals and Petrochemicals

Figure 66. Metals and Mining

Figure 67. Fertilizers and Cement

Figure 68. Education and Scientific Research

Figure 69. Waste Incineration

Figure 70. Automotive Industry

Figure 71. Automotive Industry

Figure 72. World NDIR and FTIR Infrared Gas Analyzers Production Market Share by Application (2021-2032)

Figure 73. World NDIR and FTIR Infrared Gas Analyzers Production Value Market Share by Application (2021-2032)

Figure 74. World NDIR and FTIR Infrared Gas Analyzers Average Price by Application (2021-2032) & (US\$/Unit)

Figure 75. NDIR and FTIR Infrared Gas Analyzers Industry Chain

Figure 76. NDIR and FTIR Infrared Gas Analyzers Procurement Model

Figure 77. NDIR and FTIR Infrared Gas Analyzers Sales Model

Figure 78. NDIR and FTIR Infrared Gas Analyzers Sales Channels, Direct Sales, and Distribution

Figure 79. Methodology

Figure 80. Research Process and Data Source

I would like to order

Product name: Global NDIR and FTIR Infrared Gas Analyzers Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GE3313C4197BEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE3313C4197BEN.html>