

# Industrial Gas Market for Flat Panel Display - Forecasts from 2019 to 2024

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## Abstracts

The industrial gas market for flat panel display is projected to grow at a CAGR of 4.46% to reach a market size of US\$684.666 million in 2024 from US\$526.844 million in 2018. Displays have become an indispensable part of human life. They have become the primary communication and information portal in the day to day life, like in wearables, appliances, automobiles, etc. Gases are filled at either end of the display, which sends an electrical charge, thereby transforming into a physical state known as plasma. In this stage gases emit electromagnetic radiation in the ultraviolet range of the spectrum that is invisible to human beings. This is then converted into visible light with the help of the chemical coatings. The gas display produces a very sharp monochrome image, thereby giving a very high quality picture than LCD or CRT. The demand for the market is derived by the increasing urbanization and the improving living standards because people are starting to opt for product which gives a good quality display. Also, the increasing disposable income throughout the world is also augmenting the growth of the market. The gas used in display systems are more expensive than other types of systems, and the rising income will support the demand as people will be able to buy the gas display system, for viewing great quality images. However, the unsuitability of the gas displays in high altitude areas because of the differential pressure between the gases inside the screen and the air pressure at altitude.

The Industrial Gas Market for Flat Panel Display – Forecasts from 2019 to 2024 is an exhaustive study which aims to present the key market trends through various chapters focusing on different aspects of the market. The study provides a detailed market overview through the market dynamics sections which detail key market, drivers, restraints, and opportunities in the current market. The report analyzes key opportunity regional markets, and the current technology penetration through lifecycle analysis. The report also analyzes the market through comprehensive market segmentation by type,

display technology, and geography.

The industrial gas market for flat panel display can be segmented based on type, display technology, and geography. By type, the market is segmented as electronic specialty gases and bulk gases. By display technology, the market is classified as TFT, AMOLED, and others.

Regional analysis has been provided with detailed analysis and forecast for the period 2018 to 2024. The global market has been broken down into North America, South America, Europe, Middle East and Africa, and Asia Pacific regions. The report also analyzes 9 countries across these regions with thorough analysis and forecast along with prevailing market trends and opportunities which each of these countries present for the manufacturers.

Major players in the global display gas market have been covered along with their relative competitive position and strategies. The report also mentions recent deals and investments of different market players over the last year. The company profiles section details the business overview, financial performance for the past three years, key products and services being offered along with the recent developments of these important players in the global display gas market.

Segmentation:

By Type

Electronic Specialty Gases

NF3

SIH4

Cl2

Others

Bulk Gases

Nitrogen

Helium

Others

By Display Technology

TFT

AMOLED

Others

By Geography

North America

USA

Canada

South America

Europe

Germany

France

United Kingdom

Others

Middle East and Africa

Asia Pacific

China

Japan

South Korea

Taiwan

Others

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