

## **Moisture Analyzer Market Forecast till 2027**

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### **AVAILABLE LICENSES:**

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### **Report description:**

Moisture Analyzer Market Forecast till 2027

#### Market Overview

Moisture analyzers are increasingly being used to measure temperature and humidity in various industrial materials and components. The primary aim of measuring moisture content is to improve product quality, increase shelf life, maximize raw material efficiency, and other related factors. These potential benefits and advancements in the industry are expected to drive market growth. Technological advancements in the sector, such as sensor integration, real-time measurement, compliance, and robustness, are expected to contribute to the growth of the moisture analyzer market.

Moisture analyzers are considered an essential tool in various applications, including factories, quality control departments, and R&D laboratories, where humidity content is critical to meet production requirements. The increasing preference for moisture analyzers in different industries is a significant factor driving market growth. Additionally, the rise in technology advancements, awareness for protection and maintenance of industrial devices, and research and development activities in the market are some of the other factors boosting the moisture analyzer market. The growth of process automation leading to a high demand for in-line moisture analyzers and technological advancements resulting in more reliable heat-based moisture analyzers are also expected to create new opportunities for the moisture analyzer market in the forecast period.

#### Segment Overview

The moisture analyzer market is segmented by type into desktop, handheld, and inline categories. In 2021, the desktop category saw significant growth in the moisture analyzer market due to the increasing demand and awareness of the benefits of desktop-mounted equipment in moisture analysis methods. A novel desktop-mounted moisture analyzer with unique differential measuring methods has recently been developed, providing consistent performance in critical moisture applications.

Furthermore, based on application, the market is divided into various categories, including plastics and polymers, construction, agriculture, food and beverage, fabrics and textiles, and pharmaceuticals. The food and beverage category was the dominant market for moisture analyzers in 2021, with increased usage in the industry to maintain the highest levels of safety and quality. For example, the use of moisture analyzers in food processing and food service organizations is driven by the need for compliance with food safety certifications granted by the U.S. FDA, which aims to increase the accuracy of moisture analysis.

#### Regional Analysis

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The moisture analyzer market in North America has been expanding in recent years due to the growing number of end-users in industries such as food and beverage, chemical, packaging, and pharmaceuticals. The pharmaceutical sector is facing increasing challenges as demand for medical help drives the expansion of hospitals and healthcare facilities, creating further opportunities for moisture analyzer business growth in the region.

In 2021, Asia-Pacific accounted for the second-largest market share in the moisture analyzer market. This is mainly due to the rapid advancements in the chemical and pharmaceutical sectors, as well as the significant growth of the food and beverage sector. Moreover, the increasing government investments in the chemical and food & beverage sectors, particularly in China and India, are expected to drive the APAC market for moisture analyzers.

#### Major Players

Prominent players in the moisture analyzer market research include Kett Electric Laboratory (Japan), Adam Equipment Inc. (UK), metek Inc. (US), Thermo Fisher Scientific Inc. (US), Michell Instruments Inc. (US), Mettler-Toledo International Inc. (US), Spectrasensors Inc. (US), General Electric Co. (US), PCE Instruments. (Norway), Brookhuis Applied Technologies (Netherlands), and others.

#### COVID 19 Impacts

The COVID-19 pandemic has had a mixed impact on the moisture analyzer market. On one hand, the increasing demand for moisture analyzers from the food and beverage industry due to the rising need for food safety and quality control has been a key factor driving market growth during the pandemic. The pharmaceutical industry has also seen increased demand for moisture analyzers due to the rising demand for medicines and the need for accurate moisture content analysis during drug manufacturing processes.

However, on the other hand, the overall slowdown in manufacturing activities due to the pandemic has led to a decline in demand for moisture analyzers from industries such as chemicals, petrochemicals, and construction. Moreover, disruptions in the global supply chain due to lockdowns and restrictions on international trade have also negatively impacted the market.

Despite these challenges, the increasing adoption of automation and digitalization in industries such as food and beverage, pharmaceuticals, and chemicals is expected to drive market growth in the coming years. Additionally, the rising demand for moisture analyzers with advanced features such as real-time monitoring, remote access, and cloud connectivity is expected to create new growth opportunities for market players in the post-pandemic period.

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