

# **Middle East & Africa Wind Anemometer Market Forecast to 2030 - Regional Analysis - by Measuring Type (Velocity Anemometers and Pressure Anemometers), Anemometers Type (Mechanical, Ultrasonic, and Others), and Application (Onshore and Offshore)**

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## **Abstracts**

The Middle East & Africa wind anemometer market was valued at US\$ 10.89 million in 2022 and is expected to reach US\$ 15.04 million by 2030; it is estimated to record a CAGR of 4.1% from 2022 to 2030.

### **Growing Demand for Renewable Energy Sources Fuels Middle East & Africa Wind Anemometer Market**

The growth of renewable energy sources, particularly wind power, substantially impacts the wind anemometer market. According to the International Energy Agency (IEA), in 2022, renewable energy supply from wind, solar, hydro, geothermal, and ocean increased by close to 8%, and the share of these technologies in the total global energy supply increased by approximately 0.4%, reaching 5.5%. Also, the amount of electricity generated by wind increased by 265 TWh (an increase of 14%), the second-largest growth of all power generation technologies. Wind remained the leading renewable technology, generating over 2100 TWh in 2022.

Governments of various countries are taking initiatives to increase wind farms, including wind power. Wind turbines used to achieve these objectives comes with very advanced features to maintain efficiency and safety. The wind anemometer constantly measures wind speed and transfers the data to the wind turbine's controller, which controls the

rotor at a safe speed. Wind anemometers are essential instruments used in the wind energy industry. Hence, the demand for the wind anemometer is increasing with the growing renewable energy sources.

## Middle East & Africa Wind Anemometer Market Overview

The wind anemometer market in the Middle East & Africa is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. Maritime, shipping, and navigation are prominent in the Middle East & Africa. Wind anemometers are important tools for marine operations, as wind speed determines wave height. The height of the wave plays an important role in navigation, as larger waves may cause navigation problems for mariners. Various navigation authorities in these regions are experiencing profit. For instance, in April 2022, Dubai maritime and shipping company Gulf Navigation profited by lowering operating expenses. In another instance, in 2021, the UAE launched a local marine weather service with the help of the National Centre of Meteorology, the UAE's official forecaster and center for measuring seismic activity. Also, various players across the Middle East & Africa are launching shipping and navigation services. For instance, in November 2022, A. P. Moller Maersk launched shipping services connecting India-UAE-Saudi Arabia. Thus, shipping and navigation activities in the region propel wind anemometer growth.

## Middle East & Africa Wind Anemometer Market Revenue and Forecast to 2030 (US\$ Million)

### Middle East & Africa Wind Anemometer Market Segmentation

The Middle East & Africa wind anemometer market is segmented based on measuring type, anemometers type, applications, and country.

By measuring type, the Middle East & Africa wind anemometer market is bifurcated into velocity anemometers and pressure anemometers. The velocity anemometers segment held a larger share in 2022.

Based on anemometers type, the Middle East & Africa wind anemometer market is segmented into mechanical, ultrasonic, and others. The mechanical segment held the largest share in 2022.

In terms of applications, the Middle East & Africa wind anemometer market is bifurcated into onshore and offshore. The onshore segment held a larger share in 2022.

Based on country, the Middle East & Africa wind anemometer market is categorized into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa wind anemometer market in 2022.

Vaisala Oyj, Gill Instruments Ltd, Lambrecht meteo GmbH, Bristol Industrial & Research Associates Ltd, and Campbell Scientific Inc are some of the leading companies operating in the Middle East & Africa wind anemometer market.

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