

Global Meteorological Device Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Meteorological Device market size is expected to reach \$ 2094 million by 2029, rising at a market growth of 4.3% CAGR during the forecast period (2023-2029).

Global key players of of Meteorological Device include Vaisala, Gill Instruments, Lambrecht meteo (AEM), R. M. Young Company and Davis Instruments, etc. The top five players hold a share over 20%. Vaisala is the largest manufacturer of Meteorological Device in the world, has a share about 10%. In terms of type, it mainly includes Thermometer, Hygrometer, Barometer and Anemometer which totally take up about 75 percent of all types of product. In terms of application, market data review and forecast by the following general application: Meteorology, environmental Protection, transportation and agriculture, etc, with a share over 80%.

Meteorological instruments (or weather instruments), including meteorological sensors (weather sensors), are the equipment used to find the state of the atmosphere at a given time.

There are various types of meteorological devices used to measure and monitor weather conditions. Some common types of meteorological devices include:

- ? Thermometer: Measures temperature, typically using a mercury or digital sensor.
- ? Barometer: Measures atmospheric pressure, indicating changes in weather patterns.
- ? Anemometer: Measures wind speed and direction.
- ? Hygrometer: Measures humidity levels in the air.

? Rain Gauge: Measures the amount of rainfall in a given area over a period of time.

? Pyranometer: Measures solar radiation, including both direct and diffuse sunlight.

? Weather Balloon: Carries instruments such as radiosondes to collect data about temperature, humidity, pressure, and wind at different altitudes.

? Weather Radar: Uses radio waves to detect precipitation, measure its intensity, and track its movement.

? Weather Station: A complete set of instruments that includes various sensors for measuring temperature, humidity, pressure, wind speed and direction, and sometimes additional parameters like UV index and precipitation.

This report studies the global Meteorological Device production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Meteorological Device, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Meteorological Device that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Meteorological Device total production and demand, 2018-2029, (Unit)

Global Meteorological Device total production value, 2018-2029, (USD Million)

Global Meteorological Device production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Unit)

Global Meteorological Device consumption by region & country, CAGR, 2018-2029 & (Unit)

U.S. VS China: Meteorological Device domestic production, consumption, key domestic manufacturers and share

Global Meteorological Device production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Unit)

Global Meteorological Device production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Unit)

Global Meteorological Device production by Application production, value, CAGR, 2018-2029, (USD Million) & (Unit).

This reports profiles key players in the global Meteorological Device 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 Vaisala, Gill Instruments, Lambrecht meteo (AEM), R. M. Young Company, Davis Instruments, ANEOS, Munro Instruments, Nielsen-Kellerman and Skyview Weather, 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 Meteorological Device market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Unit) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Meteorological Device Market, By Region:

%||%United States

%||%China

%||%Europe

%||%Japan

%II%South Korea

%II%ASEAN

%II%India

%II%Rest of World

Global Meteorological Device Market, Segmentation by Type

%II%Thermometer

%II%Hygrometer

%II%Barometer

%II%Anemometer

%II%Rain Gauge

%II%Weather Station

%II%Others

Global Meteorological Device Market, Segmentation by Application

%II%Meteorology

%II%Environmental Protection

%II%Transportation

%II%Agriculture

%II%Renewable Energy

%II%Research and Education

%II%Aviation

%II%Others

Companies Profiled:

%II%Vaisala

%II%Gill Instruments

%II%Lambrecht meteo (AEM)

%II%R. M. Young Company

%II%Davis Instruments

%II%ANEOS

%II%Munro Instruments

%II%Nielsen-Kellerman

%II%Skyview Weather

%II%Observator Instruments

%II%Met One Instruments (Acoem)

%II%BARANI

%II%Airmar

%II%METER Group

%II%China Huayun Meteorological Technology

%II%Shanghai Changwang Meteotech

%II%Changchun Cmii Meteorological

%II%Changchun Meteorological Instrument

%II%Shandong Fengtu IOT Technology

Key Questions Answered

1. How big is the global Meteorological Device market?
2. What is the demand of the global Meteorological Device market?
3. What is the year over year growth of the global Meteorological Device market?
4. What is the production and production value of the global Meteorological Device market?
5. Who are the key producers in the global Meteorological Device market?

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