

# Heavy Duty Industrial pH Sensors Market, Global Outlook and Forecast 2022-2028

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## Abstracts

The pH Sensor is a critical components of a pH measurement loop. A pH measurement loop is made up of three components, the pH sensor, which includes a measuring electrode, a reference electrode, and a temperature sensor; a preamplifier; and an analyser or transmitter. A pH measurement loop is essentially a battery where the positive terminal is the measuring electrode and the negative terminal is the reference electrode. The measuring electrode, which is sensitive to the hydrogen ion, develops a potential (voltage) directly related to the hydrogen ion concentration of the solution. The reference electrode provides a stable potential against which the measuring electrode can be compared

This report contains market size and forecasts of Heavy Duty Industrial pH Sensors in global, including the following market information:

Global Heavy Duty Industrial pH Sensors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Heavy Duty Industrial pH Sensors Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Heavy Duty Industrial pH Sensors companies in 2021 (%)

The global Heavy Duty Industrial pH Sensors market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Glass Sensor Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Heavy Duty Industrial pH Sensors include Endress+Hauser, METTLER TOLEDO, Yokogawa, Hach, Atlas Scientific, Honeywell, Knick, Hamilton and Krohne. etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Heavy Duty Industrial pH Sensors manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Heavy Duty Industrial pH Sensors Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Heavy Duty Industrial pH Sensors Market Segment Percentages, by Type, 2021 (%)

Glass Sensor

ISFET Sensors

Global Heavy Duty Industrial pH Sensors Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Heavy Duty Industrial pH Sensors Market Segment Percentages, by Application, 2021 (%)

Water Treatment

Oil & Gas

Pulp & Paper

Textile

Others

Global Heavy Duty Industrial pH Sensors Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions) & (K Units)

Global Heavy Duty Industrial pH Sensors Market Segment Percentages, By Region and  
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Heavy Duty Industrial pH Sensors revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Heavy Duty Industrial pH Sensors revenues share in global market, 2021 (%)

Key companies Heavy Duty Industrial pH Sensors sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Heavy Duty Industrial pH Sensors sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Endress+Hauser

METTLER TOLEDO

Yokogawa

Hach

Atlas Scientific

Honeywell

Knick

Hamilton

Krohne

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