

Global Hydroacoustic Direction Finder Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Hydroacoustic Direction Finder market size was valued at US\$ 438 million in 2024 and is forecast to a readjusted size of USD 580 million by 2031 with a CAGR of 4.1% during review period.

A hydroacoustic direction finder is an instrument specifically used to search for and determine the direction of sound signals emitted by underwater targets (such as moving ships, active hydroacoustic stations, etc.). The working principle of the hydroacoustic direction finder is mainly based on the characteristics of sound wave propagation in water, and the direction of the sound source is determined by measuring the time difference of the sound wave reaching the sound collector or the difference in radiation intensity. When an underwater target emits a sound signal, the receiver of the hydroacoustic direction finder will receive these signals and calculate the direction of the target based on the time and intensity difference of the signal arrival.

With the continuous development of technology, the performance of hydroacoustic direction finders is also constantly improving. In the future, hydroacoustic direction finders may develop in the direction of higher accuracy, longer detection distance and stronger anti-interference ability. At the same time, with the widespread application of underwater unmanned systems, hydroacoustic direction finders will also be more closely integrated with these systems to provide more accurate and reliable technical support for underwater detection and positioning.

This report is a detailed and comprehensive analysis for global Hydroacoustic Direction Finder market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is

constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Hydroacoustic Direction Finder market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Hydroacoustic Direction Finder market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Hydroacoustic Direction Finder market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Hydroacoustic Direction Finder market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hydroacoustic Direction Finder

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hydroacoustic Direction Finder market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Fluke, Plessey, Br el & K j r, URI PIES, Develogic, EMI Limited, Graseby Instrument, Hangzhou Maihuang Technology, Beijing Haizhuo Tongchuang Technology, Beijing Haiaoda Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Hydroacoustic Direction Finder market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Detection

Positioning

Market segment by Application

Military Field

Marine Science Research

Underwater Engineering

Others

Major players covered

Fluke

Plessey

Br el & Kj r

URI PIES

Develogic

EMI Limited

Graseby Instrument

Hangzhou Maihuang Technology

Beijing Haizhuo Tongchuang Technology

Beijing Haiaoda Technology

Suzhou Sangtai Marine Instrument R&D

Beijing Lianhe Shengxin Marine Technology

Beijing Dayang Jinglue Technology

Qingdao Maritek Technology

Hangzhou Zhaohua Electronics

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Hydroacoustic Direction Finder product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hydroacoustic Direction Finder, with price, sales quantity, revenue, and global market share of Hydroacoustic Direction Finder from 2020 to 2025.

Chapter 3, the Hydroacoustic Direction Finder competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hydroacoustic Direction Finder breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Hydroacoustic Direction Finder market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hydroacoustic Direction Finder.

Chapter 14 and 15, to describe Hydroacoustic Direction Finder sales channel, distributors, customers, research findings and conclusion.

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