

# Global Percutaneous Jaundice Instrument Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G4F9484EFC61EN.html>

Date: May 2026

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: G4F9484EFC61EN

## Abstracts

According to our (Global Info Research) latest study, the global Percutaneous Jaundice Instrument market size was valued at US\$ 108 million in 2025 and is forecast to a readjusted size of US\$ 116 million by 2032 with a CAGR of 1.3% during review period.

The core drivers of the development of the Percutaneous Jaundice Instrument industry are twofold. First, the high incidence of neonatal jaundice creates a rigid clinical demand. The prevalence of jaundice in full-term and premature infants makes non-invasive and rapid testing equipment a necessity for neonatal health protection. Second, policy-driven improvements in the neonatal disease screening capabilities of primary healthcare systems, with relevant regulations listing transcutaneous bilirubin testing as a recommended method, coupled with the popularization and upgrading of equipment in primary healthcare institutions, continue to release market demand.

In 2024, global Percutaneous Jaundice Instruments reached approximately 55,813 Units, with an average global market price of around 1,918.0 USD per Unit.

Percutaneous Jaundice Instruments are non-invasive medical devices used to measure the level of bilirubin in a patient's skin, primarily in neonates, to assess the risk of jaundice. These meters work by using light to estimate the bilirubin concentration in the subcutaneous tissue, which can be an indicator of the liver's ability to process bilirubin.

Transcutaneous bilirubin measurement is performed by placing a sensor on the baby's skin, usually on the forehead or chest, where the skin is thin. The device emits light at specific wavelengths, and based on the amount of light that is absorbed or reflected by the skin, the device calculates the bilirubin level. This method provides a quick, painless

alternative to serum bilirubin tests, reducing the need for blood draws.

The upstream core components of Percutaneous Jaundice Instruments mainly include light sources, photoelectric sensors, filters, microprocessors, etc. Typical suppliers include Hamamatsu Photonics, Nichia, Edmund Optics, Thorlabs, etc. The downstream applications are mainly in hospitals, clinics, community service centers, and postpartum care centers.

The single-line production capacity of Percutaneous Jaundice Instruments varies significantly depending on the manufacturer's scale, product positioning, and production model. Typically, the single-line production capacity of regular products is over 2,000 units, and the industry gross profit margin is in the range of 40%-60%.

Percutaneous Jaundice Instruments are non-invasive sentinels protecting newborn health. Designed specifically for neonatal jaundice screening, these medical devices utilize spectral absorption technology. Simply place the probe lightly against the infant's forehead or sternum, and within seconds, the difference in reflection between blue and green light is used to calculate bilirubin levels, completely eliminating the pain and waiting associated with traditional blood tests. From bedside screening in maternity wards to routine monitoring in primary care hospitals and home follow-up, this device, with its non-invasive, rapid, and safe characteristics, has become a key tool for the early detection and intervention of neonatal hyperbilirubinemia, building the first line of defense for the health of millions of newborns worldwide.

The global market for Percutaneous Jaundice Instruments exhibits a distinct regional development pattern. North America, relying on its mature neonatal healthcare system and high medical investment, has stable and concentrated market demand. Local companies have accumulated deep expertise in device intelligence and clinical adaptability, occupying a core position in the global market. Europe excels in technological precision, with stringent medical standards driving equipment upgrades towards low-interference, high-precision solutions. Products not only serve the well-developed local healthcare network but also radiate globally through technology exports. The Asia-Pacific region has become the core engine of industry growth. China, with its large newborn population and policies promoting the widespread availability of basic medical equipment, has propelled domestic brands from followers to leaders. Meanwhile, emerging markets such as India and Southeast Asia, with their improving healthcare infrastructure, are releasing strong incremental demand. According to our data, in 2024, Asia held nearly 50% of the market share for Percutaneous Jaundice Instruments, followed by Europe and North America. During the forecast period,

emerging markets such as India and Southeast Asia are leading the global growth rate.

From a manufacturer perspective, globally, key manufacturers of Percutaneous Jaundice Instruments include Dr?ger, Mennen Medical, Philips, Konica Minolta, Beijing Maibang Optoelectronics, Ningbo Davy Medical, Weicai, AVI Healthcare, NEORUBIN (RECOVE GROUP), Nanjing Daofen Electronics, Likang Biotechnology, Boke Biotechnology, and Micro Lab. According to our data, the top 5 manufacturers accounted for over 70% of the global market share in 2024.

The convergence of multiple demands and policies has injected continuous growth momentum into the Percutaneous Jaundice Instruments industry. The high incidence of neonatal jaundice forms a rigid demand foundation, while the monitoring needs of premature and high-risk infants further make the equipment a clinical necessity. At the policy level, countries are incorporating neonatal disease screening into their public health systems, while technological innovation is reshaping product value. Multi-wavelength spectral technology overcomes the bottleneck of skin color interference, and intelligent algorithms enable real-time data transmission and trend prediction, upgrading the equipment from a simple testing tool to an entry point for neonatal health management. Meanwhile, the public's growing preference for non-invasive medical care and increased awareness of home health monitoring have further broadened application scenarios, extending from hospitals to homes and forming a full-cycle monitoring ecosystem.

This report is a detailed and comprehensive analysis for global Percutaneous Jaundice Instrument 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 Percutaneous Jaundice Instrument market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Percutaneous Jaundice Instrument market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling

prices (US\$/Unit), 2021-2032

Global Percutaneous Jaundice Instrument market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Percutaneous Jaundice Instrument market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

### **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 Percutaneous Jaundice Instrument

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 Percutaneous Jaundice Instrument 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 Dr?ger, Mennen Medical, Philips, Konica Minolta, Beijing M&B Electronic Instruments, Ningbo David Medical Device, VECH MEDICAL, AVI Healthcare, NEORUBIN (RECOVE GROUP), Dolphin Nanjing electronics, etc.

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

### **Market Segmentation**

Percutaneous Jaundice Instrument market is split by Type and by Application. For the period 2021-2032, 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

Standard Type

Intelligent Type

## Market segment by Power Supply Method

Rechargeable Type

Non-rechargeable Type

## Market segment by Technology

Single Measurement Optical Path

Dual Measurement Optical Path

## Market segment by Application

Hospitals

Clinics

Others

## Major players covered

Dr?ger

Mennen Medical

Philips

Konica Minolta

Beijing M&B Electronic Instruments

Ningbo David Medical Device

VECH MEDICAL

AVI Healthcare

NEORUBIN (RECOVE GROUP)

Dolphin Nanjing electronics

Heal Force

BIOBASE GROUP

Micro Lab

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 Percutaneous Jaundice Instrument product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Percutaneous Jaundice Instrument, with price, sales quantity, revenue, and global market share of Percutaneous Jaundice Instrument from 2021 to 2026.

Chapter 3, the Percutaneous Jaundice Instrument competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Percutaneous Jaundice Instrument breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Percutaneous Jaundice Instrument market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Percutaneous Jaundice Instrument.

Chapter 14 and 15, to describe Percutaneous Jaundice Instrument sales channel, distributors, customers, research findings and conclusion.

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