

# Vessel Sealing Devices Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview:

The global vessel sealing devices market size reached US\$ 1.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.7 Billion by 2028, exhibiting a growth rate (CAGR) of 6.9% during 2023-2028.

Vessel sealing devices refer to instruments used in non-invasive surgical procedures to facilitate dissection and hemostasis during open and laparoscopic procedures. Electrothermal bipolar vessel sealers and ultrasonic shears are some of the commonly used vessel sealing devices. They consist of ultrasonic, bipolar and hybrid energies and are helpful in coagulation, cutting and dissection applications. Vessel sealing devices are widely used to seal the vessel wall by denaturing the collagen and elastin in the wall and completely occluding the blood vessel. These devices are easy to use, require less operational time, assist in reducing blood loss, offer superior efficiency and reliability, and are cost-effective. As a result, vessel sealing devices are widely used in specialty clinics, hospitals and ambulatory surgical centers.

### Vessel Sealing Devices Market Trends:

The increasing geriatric population that is more prone to chronic diseases is one of the key factors creating a positive outlook for the market. Vessel sealing devices are widely used to treat colorectal cancer, neck surgery, axillary dissection, and chronic hepatitis, amongst others. Additionally, the widespread product adoption in laparoscopic surgeries as they are minimally invasive and cause less postoperative pain, is favoring the market growth. Apart from this, the introduction of ultrasound technology that monitors the

distribution of heat and energy and bipolar devices that assist in stronger and uniform compression, are also providing a thrust to the market growth. Moreover, the increasing demand for safe and effective instruments during surgeries to reduce infection rates and blood loss is inflating the overall sales of medical sealing devices, thus positively impacting the market growth. Other factors, including the development of novel, high-quality vessel sealing devices, a rise in the number of gynecological, urological, cardiovascular and orthopedic surgeries, and significant expansion in the medical industry, are anticipated to drive the market toward growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global vessel sealing devices market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, application and end user.

#### Breakup by Product:

Generators

Instruments

Accessories

#### Breakup by Application:

General Surgery

Laparoscopic Surgery

#### Breakup by End User:

Hospitals and Specialty Clinics

Ambulatory Surgical Centers

#### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being B. Braun Melsungen AG, BOWA-electronic GmbH & Co. KG, Erbe Elektromedizin GmbH, Hologic Inc., Intuitive Surgical Inc., Johnson & Johnson, KLS Martin Group, Lamidey Noury Medical, Medtronic plc, Olympus Corporation, OmniGuide Holdings Inc. and Xcellance Medical Technologies Private Limited.

Key Questions Answered in This Report

1. How big is the global vessel sealing devices market?
2. What is the expected growth rate of the global vessel sealing devices market during 2023-2028?
3. What are the key factors driving the global vessel sealing devices market?
4. What has been the impact of COVID-19 on the global vessel sealing devices market?
5. What is the breakup of the global vessel sealing devices market based on the product?
6. What is the breakup of the global vessel sealing devices market based on the application?
7. What is the breakup of the global vessel sealing devices market based on the end user?
8. What are the key regions in the global vessel sealing devices market?

9. Who are the key players/companies in the global vessel sealing devices market?

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