

# **Handheld Surgical Instruments Market Assessment, By Product [Forceps, Retractors, Dilators, Graspers, Scalpels, Others], By Application [Neurosurgery, Cardiovascular, Orthopedic, Plastic and Reconstructive Surgery, Obstetrics and Gynecology, Others], By End-user [Hospitals, Clinics, Ambulatory Surgical Centers, Others], By Region, Opportunities and Forecast, 2017-2031F**

<https://marketpublishers.com/r/H4840F978FDFEN.html>

Date: March 2025

Pages: 258

Price: US\$ 4,500.00 (Single User License)

ID: H4840F978FDFEN

## **Abstracts**

Global handheld surgical instruments market size was valued at USD 6.1 billion in 2023, and is expected to reach USD 10.52 billion in 2031, with a CAGR of 7.05% for the forecast period between 2023 and 2031F. The handheld surgical instruments market is driven by factors like a growing number of surgical procedures, increasing disease burden leading to more surgeries, rising prevalence of chronic diseases, technological advancements in surgical instrument designs and functionalities, and growing preference for aesthetic surgeries. The number of surgical procedures being performed is increasing across the globe due to reasons like a high number of road accidents and chronic diseases, which brings demand for more surgical instruments driving growth in the market.

As more surgical procedures are being performed annually, the sales of handheld surgical instruments, like forceps and scalpels, will increase significantly. Technological advancements like design optimization, size precision, automation, and software enabling are being made to improve the smooth maneuvering and controlling of operation, ergonomic comfort, ease, and flexibility for surgeons. Surgeons prefer sophisticated and updated tools for their use, which drives demand in the market.

Additionally, the growing preference for aesthetic surgeries across the globe is creating a high demand for handheld surgical instruments. However, a growing number of alternative surgical methods and targeted therapies replacing the need for surgery and increasing preference for laparoscopic and non-invasive surgeries are major threats to the market growth. Although these alternative methods are good for patients, they hinder the growth of the handheld surgical instruments market.

For instance, in November 2023, an England-based manufacturer of surgical instruments, Surtex Instruments, launched their 'Infinex' line of instruments at MEDICA 2023. These instruments are designed to give surgeons unparalleled control and accuracy, even in the most difficult surgical situations. German-engineered Infinex series emphasizes unmatched precision to guarantee better surgical results, less trauma to patients, and quicker recovery times.

### Increasing Number of Surgical Procedures

The number of oncology, cardiovascular, orthopedic, urology, and gastrointestinal patients is growing globally. Along with it, a high number of road accidents require surgical procedures, driving the demand for handheld surgical instruments. Additionally, the rising preference for aesthetic surgeries to enhance the beauty features of individuals is also driving significant growth in the handheld surgical instruments market. In September 2023, according to the recent report published by the International Society of Aesthetic Plastic Surgery (ISAPS), an 11.2% overall increase in aesthetic procedures performed by plastic surgeons in 2022 has been observed, with more than 14.9 million surgical and 18.8 million non-surgical procedures performed worldwide.

### Technological Advancements

Technological advances and innovations in surgical instruments are positively impacting the market. Surgical instruments are changing with time to provide better outcomes for surgeons. Surgeons' ease of maneuvering and controlling operations, as well as their ergonomic comfort, convenience of use, and flexibility, are being improved by various advancements in handheld surgical tools, including design optimization, automation, and software enabling. Market players are dedicated to harnessing the opportunity to enhance their growth in the market through innovative solutions.

For instance, in April 2023, Smith+Nephew, a renowned market leader in medical devices, launched the new CORI Digital Tensioner. CORI Digital Tensioner is a handheld instrument to measure the ligament tension in a knee prior to cutting bone. To

distract the knee joint, it provides constituent tension to the ligaments, and gives objective gap data for operation planning and execution, the CORI Digital Tensioner generates a force that is quantifiable and defined by the surgeon.

### Forceps Segment is Expected to Dominate During Forecast Period

The forceps segment in global handheld surgical instruments is expected to dominate during the forecast period owing to the fact that it is the most used surgical instrument with applications like grasping, manipulating, and dissecting tissues during all kinds of surgeries. Forceps come in a variety of forms for specific applications. It offers advantages such as helping to eliminate the need for holding minute objects with your hands and avoiding contamination, making them a preferred choice for surgeons. The growing number of surgeries across the globe are acting as a driver for the forceps segment and are maintaining the larger value share for the segment.

### North America is Expected to Dominate the Market

With high investment in research and development activities, technological advancements by key players, and highly advanced healthcare infrastructure in North American countries like the United States and Canada, the region is expected to dominate the market with the highest value share. Also, supportive government initiatives for managing the growing number of surgical procedures are embracing the growth of the market in the region. The high prevalence of cancer and cardiovascular disease and road accidents lead to the need for surgery in the region, contributing to the dominance of North America in the handheld surgical instruments market.

### Key Players Landscape and Outlook

Market players are expanding their product offerings and giving their customers access to a wide range of cutting-edge and novel products using a variety of strategies. Companies are expanding the range of products they offer to gain market share. Industry participants are using a variety of growth methods, including collaborations, mergers and acquisitions, product launches, and the development of new goods, to bolster their positions in the market.

In December 2023, Sychem Surgical Ltd announced the acquisition of the surgical division of S Murray Ltd., which aims to expand its reach in surgical instruments. S Murray Ltd. has been manufacturing surgical instruments at its United Kingdom manufacturing facility since 1946 while Sychem Surgical Ltd is a leading expert provider

of disinfection, sterilization, and decontamination solutions.

## Contents

### 1. RESEARCH METHODOLOGY

### 2. PROJECT SCOPE & DEFINITIONS

### 3. EXECUTIVE SUMMARY

### 4. GLOBAL HANDHELD SURGICAL INSTRUMENTS MARKET OUTLOOK, 2017-2031F

#### 4.1. Market Size & Forecast

##### 4.1.1. By Value

##### 4.1.2. By Volume

#### 4.2. By Product

##### 4.2.1. Forceps

##### 4.2.2. Retractors

##### 4.2.3. Dilators

##### 4.2.4. Graspers

##### 4.2.5. Scalpels

##### 4.2.6. Others

#### 4.3. By Application

##### 4.3.1. Neurosurgery

##### 4.3.2. Cardiovascular

##### 4.3.3. Orthopedic

##### 4.3.4. Plastic and Reconstructive Surgery

##### 4.3.5. Obstetrics and Gynecology

##### 4.3.6. Others

#### 4.4. By End-user

##### 4.4.1. Hospitals

##### 4.4.2. Clinics

##### 4.4.3. Ambulatory Surgical Centers

##### 4.4.4. Others

#### 4.5. By Region

##### 4.5.1. North America

##### 4.5.2. Europe

##### 4.5.3. Asia Pacific

##### 4.5.4. South America

##### 4.5.5. Middle East & Africa

#### 4.6. By Company Market Share (%), 2023

### **5. GLOBAL HANDHELD SURGICAL INSTRUMENTS MARKET OUTLOOK, 2017-2031F**

#### 5.1. North America

##### 5.1.1. Market Size & Forecast

###### 5.1.1.1. By Value

###### 5.1.1.2. By Volume

##### 5.1.2. By Product

###### 5.1.2.1. Forceps

###### 5.1.2.2. Retractors

###### 5.1.2.3. Dilators

###### 5.1.2.4. Graspers

###### 5.1.2.5. Scalpels

###### 5.1.2.6. Others

##### 5.1.3. By Application

###### 5.1.3.1. Neurosurgery

###### 5.1.3.2. Cardiovascular

###### 5.1.3.3. Orthopedic

###### 5.1.3.4. Plastic and Reconstructive Surgery

###### 5.1.3.5. Obstetrics and Gynecology

###### 5.1.3.6. Others

##### 5.1.4. By End-user

###### 5.1.4.1. Hospitals

###### 5.1.4.2. Clinics

###### 5.1.4.3. Ambulatory Surgical Centers

###### 5.1.4.4. Others

##### 5.1.5. United States\*

###### 5.1.5.1. Market Size & Forecast

###### 5.1.5.1.1. By Value

###### 5.1.5.1.2. By Volume

###### 5.1.5.2. By Product

###### 5.1.5.2.1. Forceps

###### 5.1.5.2.2. Retractors

###### 5.1.5.2.3. Dilators

###### 5.1.5.2.4. Graspers

###### 5.1.5.2.5. Scalpels

###### 5.1.5.2.6. Others

#### 5.1.5.3. By Application

5.1.5.3.1. Neurosurgery

5.1.5.3.2. Cardiovascular

5.1.5.3.3. Orthopedic

5.1.5.3.4. Plastic and Reconstructive Surgery

5.1.5.3.5. Obstetrics and Gynecology

5.1.5.3.6. Others

#### 5.1.5.4. By End-user

5.1.5.4.1. Hospitals

5.1.5.4.2. Clinics

5.1.5.4.3. Ambulatory Surgical Centers

5.1.5.4.4. Others

#### 5.1.6. Canada

#### 5.1.7. Mexico

\*All segments will be provided for all regions and countries covered

### 5.2. Europe

5.2.1. Germany

5.2.2. France

5.2.3. Italy

5.2.4. United Kingdom

5.2.5. Russia

5.2.6. Netherlands

5.2.7. Spain

5.2.8. Turkey

5.2.9. Poland

### 5.3. South America

5.3.1. Brazil

5.3.2. Argentina

### 5.4. Asia-Pacific

5.4.1. India

5.4.2. China

5.4.3. Japan

5.4.4. Australia

5.4.5. Vietnam

5.4.6. South Korea

5.4.7. Indonesia

5.4.8. Philippines

### 5.5. Middle East & Africa

5.5.1. Saudi Arabia

5.5.2. UAE

5.5.3. South Africa

## **6. MARKET MAPPING, 2023**

6.1. By Product

6.2. By Application

6.3. By End-user

6.4. By Region

## **7. MACRO ENVIRONMENT AND INDUSTRY STRUCTURE**

7.1. Supply Demand Analysis

7.2. Import Export Analysis – Volume and Value

7.3. Supply/Value Chain Analysis

7.4. PESTEL Analysis

7.4.1. Political Factors

7.4.2. Economic System

7.4.3. Social Implications

7.4.4. Technological Advancements

7.4.5. Environmental Impacts

7.4.6. Legal Compliances and Regulatory Policies (Statutory Bodies Included)

7.5. Porter's Five Forces Analysis

7.5.1. Supplier Power

7.5.2. Buyer Power

7.5.3. Substitution Threat

7.5.4. Threat from New Entrant

7.5.5. Competitive Rivalry

## **8. MARKET DYNAMICS**

8.1. Growth Drivers

8.2. Growth Inhibitors (Challenges, Restraints)

## **9. REGULATORY FRAMEWORK AND INNOVATION**

9.1. Patent Landscape

9.2. Regulatory Approvals

9.3. Innovations/Emerging Technologies

## **10. KEY PLAYERS LANDSCAPE**

- 10.1. Competition Matrix of Top Five Market Leaders
- 10.2. Market Revenue Analysis of Top Five Market Leaders (in %, 2023)
- 10.3. Mergers and Acquisitions/Joint Ventures (If Applicable)
- 10.4. SWOT Analysis (For Five Market Players)
- 10.5. Patent Analysis (If Applicable)

## **11. PRICING ANALYSIS**

## **12. CASE STUDIES**

## **13. KEY PLAYERS OUTLOOK**

- 13.1. Zimmer Biomet Holdings Inc
  - 13.1.1. Company Details
  - 13.1.2. Key Management Personnel
  - 13.1.3. Products & Services
  - 13.1.4. Financials (As reported)
  - 13.1.5. Key Market Focus & Geographical Presence
  - 13.1.6. Recent Developments
- 13.2. B. Braun Melsungen AG
- 13.3. Integra LifeSciences Corporation
- 13.4. Medtronic, plc.
- 13.5. Smith & Nephew plc
- 13.6. Johnson & Johnson Services, Inc.
- 13.7. Becton, Dickinson and Company
- 13.8. CooperSurgical, Inc.
- 13.9. Thompson Surgical Instruments Inc.
- 13.10. Aspen Surgical
- 13.11. Stille AB

\*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work

## **14. STRATEGIC RECOMMENDATIONS**

## **15. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Handheld Surgical Instruments Market Assessment, By Product [Forceps, Retractors, Dilators, Graspers, Scalpels, Others], By Application [Neurosurgery, Cardiovascular, Orthopedic, Plastic and Reconstructive Surgery, Obstetrics and Gynecology, Others], By End-user [Hospitals, Clinics, Ambulatory Surgical Centers, Others], By Region, Opportunities and Forecast, 2017-2031F

Product link: <https://marketpublishers.com/r/H4840F978FDFEN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H4840F978FDFEN.html>