

# Lithotripsy Devices Market Insights, Competitive Landscape and Market Forecast–2026

<https://marketpublishers.com/r/L7532159070DEN.html>

Date: January 2022

Pages: 100

Price: US\$ 4,750.00 (Single User License)

ID: L7532159070DEN

## Abstracts

This report can be delivered to the clients within 7-10 Business Days

Lithotripsy Devices Market By Type (Extracorporeal Shock Wave Lithotripsy Devices, Intracorporeal Lithotripsy Devices, Others), By Application (Kidney Stones, Pancreatic Stones, Ureteral Stones, Others), By End-User (Hospitals, Ambulatory Surgical Centers, Others), By Geography is expected to grow at a steady CAGR forecast till 2026 owing to the rising prevalence of urolithiasis and technological advancements in product development

Global Lithotripsy Devices Market was valued at USD 1.39 billion in 2020, growing at a CAGR of 4.32% during the forecast period from 2021 to 2026, to reach USD 1.78 billion by 2026. The Lithotripsy Devices market is expected to witness growth owing to the rising prevalence of urolithiasis, technological advancements in product development, increased risk of end-stage renal failure, rising awareness for the procedure, and the growing geriatric population.

Lithotripsy Devices Market Dynamics:

Lithotripsy Devices Market has significantly increased owing to the rising prevalence of urolithiasis among the general population. As per the British Association of Urological Surgeons 2021, Kidney stones are common. Patients undergoing a CT scan have an 8% chance of having kidney stones and its incidence has been steadily increasing since the early 20th century. Moreover, 1 in 11 people (9%) will get stone symptoms during their lifetime. Men are affected slightly more often than women. Patients of all ages suffer from stones, but the peak age for a first stone is around the age of 45.

Moreover, the growing burden of stones developing in different organs of the body leads to the growth in the demand for Lithotripsy procedures. These procedures treat stones by emitting focused ultrasonic energy or shock waves directly to the stone first located with fluoroscopy or ultrasound (high-frequency sound waves). These shock waves break a large stone into smaller stones that pass through the urinary system. Owing to the occurrence of stones in various parts of the body, the Lithotripsy Devices market will rise significantly. According to the National Kidney Foundation 2021, over half a million people go to emergency rooms for kidney stone problems every year. Thus, the burgeoning cases of urolithiasis will contribute to the Global Lithotripsy Devices Market growth.

In addition, the development of advanced technologies is evolving at a greater pace. For instance, in February 2021, Shockwave Medical, Inc. developed an intravascular lithotripsy sonic pressure wave therapy that involves delivering sonic waves to calcified plaque in an artery. The device received Pre-Market Approval for severely calcified coronary artery disease from the US FDA. The innovative technology, which was granted Breakthrough Device designation by the FDA, is a novel application of lithotripsy, an approach that has been used for decades to safely break up kidney stones. Such technological advancement in the field of Lithotripsy Devices is likely to boost the Global Lithotripsy Devices Market during the forecast period.

Also, the aging population is more prone to the formation of kidney stones and an increased risk of end-stage renal failure. As per the World Population Prospects, 2019, there were 703 million older persons aged 65 or over in 2019 globally. Therefore, as the aging population increases, there will be more prevalence of urolithiasis, which will eventually boost the demand for Lithotripsy Devices which will drive the growth of the Global Lithotripsy Devices market.

The outbreak of the COVID-19 pandemic caused a significant decrease in emergency department visits.

Moreover, there was a delay in outpatient clinic appointments which pushed the need towards virtual or telephone clinics. Due to a lack of in-hospital beds, anesthesia or procedural slots, and healthcare professionals, these changes created a significant backlog in the treatment, thereby creating a negative impact on the Global Lithotripsy Devices market.

However, certain factors like blood loss during internal bleeding and the adverse effects of postoperative complications may restrict the growth of the Global Lithotripsy Devices

Market.

Lithotripsy Devices Market Segment Analysis:

Lithotripsy Devices Market By Type (Extracorporeal Shock Wave Lithotripsy Devices, Intracorporeal Lithotripsy Devices, Others), By Application (Kidney Stones, Pancreatic Stones, Ureteral Stones, Others), By End-User (Hospitals, Ambulatory Surgical Centers, Others), and by Geography (North America, Europe, Asia-Pacific, and Rest of the World).

In the by-type segment of the Lithotripsy Devices market, the Extracorporeal Shock Wave Lithotripsy Devices (ESWL) market segment will hold a significant share in the Global Lithotripsy Devices market. The large market share of this product segment can be attributed to the growing patient adoption of these devices and quick treatment. The main benefit of ESWL is that the treatment is totally non-invasive, as it does not involve any skin incisions or the use of any invasive surgical instruments to treat the stone. Instead, shock waves are utilized to shatter the stone into tiny fragments that flow through the ureter and out of the bladder. It also has other advantages such as reduced pain, quick recovery time, and shorter hospital stays.

This treatment method is chosen by a majority of the patient and physician population. ESWL is suited for small stones as well as certain stones present in the upper portion of the ureter. Moreover, Multiple stones can also be treated with ESWL. Therefore, it is expected that with such advantages offered by the Extracorporeal Shock Wave Lithotripsy Devices this technology is expected to increase its penetration in coming years, thus this will drive the segment to grow during the forecast period, which will have a positive impact on the overall Global Lithotripsy Devices Market growth.

Furthermore, Extracorporeal Shock Wave Lithotripsy Devices are gaining commercial acceptability, which also improves market penetration. All these advantages of these devices make physicians more inclined to use Extracorporeal Shock Wave Lithotripsy Devices.

Additionally, a shift in trend from the use of conventional devices to advanced devices will offer further assistance. This will increase the acceptance of Lithotripsy Devices for patients. Hence, all the above-mentioned factors are expected to drive the segment growth of the Lithotripsy Devices market.

North America is expected to dominate the overall Global Lithotripsy Devices Market:

North America is expected to dominate the overall Lithotripsy Devices market during the forecast period. This domination is owing to the rising prevalence of stone formations causing urolithiasis and increased risk of end-stage renal disease among the population. As per the Canadian Urological Association guidelines 2021, globally, the prevalence of urolithiasis is steadily increasing, and though some regional variability exists, contemporary estimates report up to 10-12% of men and 7-8% of women now suffer from nephrolithiasis. Moreover, according to the US Department of Health and Human Services 2021, end-stage renal disease (ESRD) is a significant public health problem in the United States and a major source of suffering and poor quality of life for those afflicted.

Additionally, in North America and at the global level the United States represents the largest market worldwide supported by the developed healthcare infrastructure and strong adoption of technologically advanced products owing to the rise in healthcare expenditure by the government. Technological advancement in the region is also booming to help in the growth of the Lithotripsy Devices market. For instance, in 2019, Shockwave Medical Inc. received breakthrough device designation for its intravascular lithotripsy (IVL) therapy, used for lithotripsy and was long used to eliminate kidney stones.

Europe and Asia-Pacific region have the future potential growth for the Global Lithotripsy Devices market. This is owing to the growing prevalence of urinary and renal stones. As per the European Association of Urology 2018, the prevalence rates for urinary stones vary from 1% to 20%. In countries with a high standard of life such as Sweden, renal stone prevalence is notably high (> 10%). For some areas, an increase of more than 37% over the last 20 years has been reported.

Furthermore, the rising burden of the aging population in the European region countries and Asian countries also plays a significant factor in the growth of the Lithotripsy Devices market. According to World Population Prospects 2019, Eastern and South-Eastern Asia was home to the largest number of the world's older population (260 million), followed by Europe and Northern America (over 200 million). Over the next three decades, the global number of older persons is projected to more than double, reaching over 1.5 billion persons in 2050. The largest increase (+312 million persons) is projected to occur in Eastern and South-Eastern Asia, growing from 261 million in 2019 to 573 million persons aged 65 years or over in 2050.

Moreover, in Europe, rising product launch and commercialization agreements among

the key manufacturers and other companies are anticipated to boost the Lithotripsy Devices market. For instance, in September 2019, Dornier launched the new OptiVision technology for the Dornier Delta® III. OptiVision is the first image post-processing software designed specifically to improve stone treatment outcomes. The product will be immediately available in Europe. Such initiatives are anticipated to boost the Lithotripsy Devices Market.

#### Lithotripsy Devices Market Key Players:

Some of the key market players operating in the Global Lithotripsy Devices Market include Boston Scientific Corporation, Walz Elektronik GmbH, Lumenis, DiresGroup, Medispec Ltd., Richard Wolf GmbH, Technomed Medical Systems, ELMED™ USA Medical Systems, SODY Medical Equipment Co. Ltd., NOVAMEDTEK, STORZ MEDICAL AG, Allengers, Dornier MedTech GmbH, MTS Medical UG, Electro Medical Systems (EMS), Apex-MediTech, Siemens Medical Solutions USA, Inc., Olympus Corporation, Shockwave Medical Inc., EDAP TMS among others.

#### Recent Developmental Activities in The Lithotripsy Devices Market:

In March 2021, Boston Scientific acquired Lumenis in a \$1.07 billion deal. With this acquisition, Boston Scientific has strengthened its product portfolio for the Lithotripsy devices market. This will further add to the growth of the Global Lithotripsy devices market.

In March 2021, Dornier MedTech GmbH became the world's first integrated urology company to be certified by the European Union's Medical Device Regulation (MDR). Dornier achieved the certification for its Class IIb products: Dornier Delta® III, one of the most powerful lithotripters that utilize Dornier's Extracorporeal Shock Wave Lithotripsy (ESWL) technology; and the Dornier UIMS™, a state-of-the-art information management software providing enhanced imaging and efficiency to support clinicians in treating kidney stones.

#### Key Takeaways from the Lithotripsy Devices Market Report Study

Market size analysis for current market size (2020), and market forecast for 5 years (2021-2026)

The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the Lithotripsy Devices

market.

Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

Key companies dominating the Global Lithotripsy Devices Market.

Various opportunities are available for the other competitor in the Lithotripsy Devices Market space.

What are the top-performing segments in 2020? How these segments will perform in 2026.

Which are the top-performing regions and countries in the current market scenario?

Which are the regions and countries where companies should have concentrated on opportunities for Lithotripsy Devices market growth in the coming future?

Target Audience who can be benefited from this Lithotripsy Devices Market Ket Report Study

Lithotripsy Devices providers

Research organizations and consulting companies

Lithotripsy Devices related organization, association, forum, and other alliances

Government and corporate offices

Start-up companies, venture capitalists, and private equity firms

Distributors and Traders in Lithotripsy Devices

Various End-users want to know more about the Lithotripsy Devices Market and the latest technological developments in the Lithotripsy Devices market.

Frequently Asked Questions for Lithotripsy Devices Market:

1. What are Lithotripsy Devices?



Lithotripsy Devices are medical devices that involve the administration of a series of shock waves to the stones. The shock waves are generated by a machine called a lithotripter, which is focused by x-ray onto the kidney stone.

## 2. What is the market for Global Lithotripsy Devices?

Global Lithotripsy Devices Market was valued at USD 1.39 billion in 2020, growing at a CAGR of 4.32% during the forecast period from 2021 to 2026, to reach USD 1.78 billion by 2026.

## 3. What are the drivers for Global Lithotripsy Devices?

The major drivers driving the demand for Lithotripsy Devices are the rising prevalence of urolithiasis, technological advancements in product development, increased risk of end-stage renal failure, rising awareness for these procedures, and the growing geriatric population.

## 4. Who are the key players operating in Global Lithotripsy Devices?

Some of the key market players operating in the Lithotripsy Devices market include Boston Scientific Corporation, Walz Elektronik GmbH, Lumenis, DirexGroup, Medispec Ltd., Richard Wolf GmbH, Technomed Medical Systems, ELMED™ USA Medical Systems, SODY Medical Equipment Co. Ltd., NOVAMEDTEK, STORZ MEDICAL AG, Allengers, Dornier MedTech GmbH, MTS Medical UG, Electro Medical Systems (EMS), Apex-MediTech, Siemens Medical Solutions USA, Inc., Olympus Corporation, Shockwave Medical Inc., EDAP TMS, and others.

## 5. Which region has the highest share in the Lithotripsy Devices market?

North America is expected to dominate the overall global Lithotripsy Devices market during the forecast period from 2021 to 2026. This domination is owing to the key factor such as the rising prevalence of stone formations causing urolithiasis among the population, among others.

## Contents

### **1. LITHOTRIPSY DEVICES MARKET REPORT INTRODUCTION**

### **2. LITHOTRIPSY DEVICES MARKET EXECUTIVE SUMMARY**

- 2.1. Scope of the Study
- 2.2. Market at Glance
- 2.3. Competitive Assessment
- 2.4. Financial Benchmarking

### **3. REGULATORY AND PATENT ANALYSIS**

- 3.1. The United States
- 3.2. Europe
  - 3.2.1. Germany
  - 3.2.2. France
  - 3.2.3. Italy
  - 3.2.4. Spain
  - 3.2.5. The U.K.
- 3.3. Japan

### **4. LITHOTRIPSY DEVICES MARKET KEY FACTORS ANALYSIS**

- 4.1. Lithotripsy Devices Market Drivers
  - 4.1.1. Rising prevalence of urolithiasis
  - 4.1.2. The increased risk of end-stage renal failure
  - 4.1.3. The rising awareness for these devices
  - 4.1.4. Rising technological advancements
- 4.2. Lithotripsy Devices Restraints and Challenges
  - 4.2.1. Blood loss during internal bleeding
  - 4.2.2. The adverse effects of postoperative complications
- 4.3. Lithotripsy Devices Opportunities
  - 4.3.1. Growing preference for minimally invasive devices
  - 4.3.2. Growth opportunities in emerging countries

### **5. LITHOTRIPSY DEVICES PORTER'S FIVE FORCES ANALYSIS**

- 5.1. Bargaining Power of Suppliers



- 5.2. Bargaining Power of Consumers
- 5.3. Threat of New Entrants
- 5.4. Threat of Substitutes
- 5.5. Competitive Rivalry

## **6. COVID-19 IMPACT ANALYSIS ON LITHOTRIPSY DEVICES MARKET**

### **7. LITHOTRIPSY DEVICES MARKET LAYOUT**

#### 7.1. By Type

- 7.1.1. Extracorporeal Shock Wave Lithotripsy Devices
- 7.1.2. Intracorporeal Lithotripsy Devices
- 7.1.3. Others

#### 7.2. By Application

- 7.2.1. Kidney Stones
- 7.2.2. Pancreatic Stones
- 7.2.3. Ureteral Stones
- 7.2.4. Others

#### 7.3. By End User

- 7.3.1. Hospitals and Clinics
- 7.3.2. Ambulatory Surgical Centers (ASCs)
- 7.3.3. Others

#### 7.4. By Geography

##### 7.4.1. North America

- 7.4.1.1. North America Lithotripsy Devices Market, by Type
- 7.4.1.2. North America Lithotripsy Devices Market, by Application
- 7.4.1.3. North America Lithotripsy Devices Market, by End User
- 7.4.1.4. North America Lithotripsy Devices Market, by Country
  - 7.4.1.4.1. United States
  - 7.4.1.4.2. Canada
  - 7.4.1.4.3. Mexico

##### 7.4.2. Europe

- 7.4.2.1. Europe Lithotripsy Devices Market, by Type
- 7.4.2.2. Europe Lithotripsy Devices Market, by Application
- 7.4.2.3. Europe Lithotripsy Devices Market, by End User
- 7.4.2.4. Europe Lithotripsy Devices Market, by Country
  - 7.4.2.4.1. France
  - 7.4.2.4.2. Germany
  - 7.4.2.4.3. United Kingdom

- 7.4.2.4.4. Italy
- 7.4.2.4.5. Spain
- 7.4.2.4.6. Russia
- 7.4.2.4.7. Rest of Europe
- 7.4.3. Asia-Pacific
  - 7.4.3.1. Asia-Pacific Lithotripsy Devices Market, by Type
  - 7.4.3.2. Asia-Pacific Lithotripsy Devices Market, by Application
  - 7.4.3.3. Asia-Pacific Lithotripsy Devices Market, by End User
  - 7.4.3.4. Asia-Pacific Lithotripsy Devices Market, by Country
    - 7.4.3.4.1. China
    - 7.4.3.4.2. Japan
    - 7.4.3.4.3. India
    - 7.4.3.4.4. Australia
    - 7.4.3.4.5. South Korea
    - 7.4.3.4.6. Rest of Asia Pacific
- 7.4.4. Rest of the World (RoW)
  - 7.4.4.1. RoW Lithotripsy Devices Market, by Type
  - 7.4.4.2. RoW Lithotripsy Devices Market, by Application
  - 7.4.4.3. RoW Lithotripsy Devices Market, by End User
  - 7.4.4.4. RoW Lithotripsy Devices Market, by Country
    - 7.4.4.4.1. Middle East
    - 7.4.4.4.2. Africa
    - 7.4.4.4.3. South America

## **8. LITHOTRIPSY DEVICES GLOBAL COMPANY SHARE ANALYSIS – KEY 3-5 COMPANIES**

## **9. LITHOTRIPSY DEVICES COMPANY AND PRODUCT PROFILES**

- 9.1. Boston Scientific Corporation
  - 9.1.1. Company Overview
  - 9.1.2. Company Snapshot
  - 9.1.3. Financial Overview
  - 9.1.4. Product Listing
  - 9.1.5. Entropy
- 9.2. Walz Elektronik GmbH
  - 9.2.1. Company Overview
  - 9.2.2. Company Snapshot
  - 9.2.3. Financial Overview

- 9.2.4. Product Listing
- 9.2.5. Entropy
- 9.3. Lumenis
  - 9.3.1. Company Overview
  - 9.3.2. Company Snapshot
  - 9.3.3. Financial Overview
  - 9.3.4. Product Listing
  - 9.3.5. Entropy
- 9.4. DirexGroup
  - 9.4.1. Company Overview
  - 9.4.2. Company Snapshot
  - 9.4.3. Financial Overview
  - 9.4.4. Product Listing
  - 9.4.5. Entropy
- 9.5. Medispec Ltd.
  - 9.5.1. Company Overview
  - 9.5.2. Company Snapshot
  - 9.5.3. Financial Overview
  - 9.5.4. Product Listing
  - 9.5.5. Entropy
- 9.6. Richard Wolf GmbH
  - 9.6.1. Company Overview
  - 9.6.2. Company Snapshot
  - 9.6.3. Financial Overview
  - 9.6.4. Product Listing
  - 9.6.5. Entropy
- 9.7. Technomed Medical Systems
  - 9.7.1. Company Overview
  - 9.7.2. Company Snapshot
  - 9.7.3. Financial Overview
  - 9.7.4. Product Listing
  - 9.7.5. Entropy
- 9.8. ELMED™ USA Medical Systems
  - 9.8.1. Company Overview
  - 9.8.2. Company Snapshot
  - 9.8.3. Financial Overview
  - 9.8.4. Product Listing
  - 9.8.5. Entropy
- 9.9. SODY Medical Equipment Co. Ltd.

- 9.9.1. Company Overview
- 9.9.2. Company Snapshot
- 9.9.3. Financial Overview
- 9.9.4. Product Listing
- 9.9.5. Entropy
- 9.10. NOVAMEDTEK
  - 9.10.1. Company Overview
  - 9.10.2. Company Snapshot
  - 9.10.3. Financial Overview
  - 9.10.4. Product Listing
  - 9.10.5. Entropy
- 9.11. STORZ MEDICAL AG
  - 9.11.1. Company Overview
  - 9.11.2. Company Snapshot
  - 9.11.3. Financial Overview
  - 9.11.4. Product Listing
  - 9.11.5. Entropy
- 9.12. Allengers
  - 9.12.1. Company Overview
  - 9.12.2. Company Snapshot
  - 9.12.3. Financial Overview
  - 9.12.4. Product Listing
  - 9.12.5. Entropy
- 9.13. Dornier MedTech GmbH
  - 9.13.1. Company Overview
  - 9.13.2. Company Snapshot
  - 9.13.3. Financial Overview
  - 9.13.4. Product Listing
  - 9.13.5. Entropy
- 9.14. MTS Medical UG
  - 9.14.1. Company Overview
  - 9.14.2. Company Snapshot
  - 9.14.3. Financial Overview
  - 9.14.4. Product Listing
  - 9.14.5. Entropy
- 9.15. Electro Medical Systems (EMS)
  - 9.15.1. Company Overview
  - 9.15.2. Company Snapshot
  - 9.15.3. Financial Overview

- 9.15.4. Product Listing
- 9.15.5. Entropy
- 9.16. Apex-MediTech
  - 9.16.1. Company Overview
  - 9.16.2. Company Snapshot
  - 9.16.3. Financial Overview
  - 9.16.4. Product Listing
  - 9.16.5. Entropy
- 9.17. Siemens Medical Solutions USA, Inc.
  - 9.17.1. Company Overview
  - 9.17.2. Company Snapshot
  - 9.17.3. Financial Overview
  - 9.17.4. Product Listing
  - 9.17.5. Entropy
- 9.18. Olympus Corporation
  - 9.18.1. Company Overview
  - 9.18.2. Company Snapshot
  - 9.18.3. Financial Overview
  - 9.18.4. Product Listing
  - 9.18.5. Entropy
- 9.19. Shockwave Medical Inc.
  - 9.19.1. Company Overview
  - 9.19.2. Company Snapshot
  - 9.19.3. Financial Overview
  - 9.19.4. Product Listing
  - 9.19.5. Entropy
- 9.20. EDAP TMS
  - 9.20.1. Company Overview
  - 9.20.2. Company Snapshot
  - 9.20.3. Financial Overview
  - 9.20.4. Product Listing
  - 9.20.5. Entropy

## **10. PROJECT APPROACH**

- 10.1. Secondary Sources
- 10.2. Primary Sources
- 10.3. Data Triangulation
- 10.4. Key Expert Opinions

**11. KOL VIEWS**

**12. DELVEINSIGHT CAPABILITIES**

**13. DISCLAIMER**

**14. ABOUT DELVEINSIGHT**

## I would like to order

Product name: LithotripsyDevices Market Insights, Competitive Landscape and Market Forecast–2026

Product link: <https://marketpublishers.com/r/L7532159070DEN.html>

Price: US\$ 4,750.00 (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/L7532159070DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970