

Dermatome Device Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F

Segmented by Product (Drum Dermatome Device, Knife Dermatome Device, Powered Dermatome Device), By Application (Plastic Surgery, Reconstructive Surgery, General Surgery, Chronic Burn Care Treatments, Others), By End User (Hospitals, Dermatology Clinics, Ambulatory Surgical Centers, Others), By Region and Competition

Market Report | 2023-04-01 | 113 pages | TechSci Research

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Report description:

The Global Dermatome Device Market is anticipated to witness impressive growth during the forecast period. This can be ascribed to increasing mass trauma and catastrophic patients due to fires and explosions, including burns across the globe. Besides, the increasing number of pediatric plastic surgeries is expected to further support the market growth in the coming years. The increasing adoption rate of new technology and rising purchase rate to cure diseases in the urban regions will also propel the market growth in the forecast period. A dermatome device is used for skin grafting where thin and uniform skin slices produce from the donor region for grafting. Besides, increasing investments by government organizations in inventing new technology related to curing different diseases, coupled with growing awareness regarding the usage of dermatome devices among people and healthcare providers, will further boost the market growth in the forecast period. It is estimated that 197,700 new cases of melanoma, 97,920 non-invasive (in situ), and 99,780 invasives will be diagnosed in the U.S. in 2022.

Increasing Incidence of Burn-Related Injuries

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As per the estimates of the World Health Organization, on average, around 265,000 fire-related deaths occur worldwide. In the U.S. alone, burn-related injuries require skin grafting treatment, clearly proving that these kinds of injuries across the world are among the leading factors that are anticipated to propel the growth of the dermatome device market during the forecast period. Due to the increasing number of burn injuries, reconstruction of the damaged area is needed, and demand for dermatome devices is increasing rapidly, which will boost the market growth during the forecast period. Similarly, the increasing prevalence of diabetic foot ulcers infection and the rising number of skin cancer will further drive the market in the forecast period. An estimated 180 000 deaths every year are caused because of burn injuries, and these cases have occurred in low- and middle-income countries. Also, in many high-income countries, burn death rates have been decreasing, and the rate of child deaths from burns is currently over 7 times higher in low- and middle-income countries than in high-income countries. Statistics tell us that every day in the United States, over 1,200 people suffer from a burn injury that requires medical treatment, out of which 70 percent are male and 30 percent are female. The rising number of fatal injuries in the construction industry is another factor that will further boost market growth.

Technological Advancement

Increasing demand for advanced medical devices to cure injuries is expected to drive the market during the forecast period. Manufacturers are expected to develop a new device, leveraging the findings of different disciplines related to healthcare, inclusive of nanotechnology, cognitive sciences, and biological sciences. Many private and government organizations are taking initiatives and parallelly investing in creating new technologies for the improvement of diseases like ulcers, burns, injuries, etc., which will further drive the growth of the market over the years. Increasing research and development will create lucrative opportunities for market growth during the forecast period. Approximately 450,000 Americans will need tissue transplants this year to improve or even save their lives.

Market Segmentation

The Global Dermatome Device market can be segmented by product, application, end-user, and region. Based on product, the market can be categorized into Drum Dermatome Devices, Knife Dermatome Devices, and Powered Dermatome Devices. Based on application, the market can be fragmented into Plastic Surgery, Reconstructive Surgery, General Surgery, Chronic Burn Care Treatments, and Others. Based on end users, the market can be grouped into Hospitals, Dermatology Clinics, Ambulatory Surgical Centers, and Others. Regionally, North America dominated the market among Europe, Asia Pacific, Middle East & Africa, and South America. Among the different countries, United States dominated the Global Dermatome Device Market on account of the growing incidence of burn cases, diabetes, and ulcer-like diseases in the United States. It is estimated that approximately 9,500 people in the U.S. are diagnosed with skin cancer every day.

Market Players

Zimmer Biomet Holdings Inc., B.Braun Melsungen AG, Integra Lifesciences Corporation, Aesculap, Inc., Surtex Instruments Ltd., Humeca BV, Nouvag AG, Novo Surgical Inc., AYGUN Surgical Instruments Co., Inc., Shaanxi Xingmao Industry Co., Ltd. are some of the leading players operating in the Global Dermatome Device Market.

Recent Development

-□ Lancer Skincare announced the release of its first skincare exfoliating device, the Pro Polish Microdermabrasion Device, in July 2020. By offering surface-layer microdermabrasion in a unique, portable device, Pro Polish improves the effectiveness of the Lancer procedure.

Report Scope:

In this report, Global Dermatome Device Market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

-□ Dermatome Device Market, By Product:

o□ Drum Dermatome Device

o□ Knife Dermatome Device

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- o□Powered Dermatome Device

- Dermatome Device Market, By Application:

- o□Plastic Surgery

- o□Reconstructive Surgery

- o□General Surgery

- o□Chronic Burn Care Treatments

- o□Others

- Dermatome Device Market, By End User:

- o□Hospitals

- o□Dermatology Clinics

- o□Ambulatory Surgical Centers

- o□Others

- Dermatome Device Market, By Region:

- o□North America

- United States

- Canada

- Mexico

- o□Europe

- France

- Germany

- United Kingdom

- Italy

- Spain

- o□Asia Pacific

- China

- India

- Japan

- South Korea

- Australia

- o□South America

- Brazil

- Argentina

- Colombia

- o□Middle East & Africa

- South Africa

- Saudi Arabia

- UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Global Dermatome Device Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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