

Veterinary Infusion Pumps Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 117 pages | Mordor Intelligence

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Report description:

The veterinary infusion pumps market studied is anticipated to register a CAGR of 7.4% during the forecast period (2022-2027).

COVID-19 had a significant impact on the veterinary infusion pumps market. For instance, according to the study published in Preventive Veterinary Medicine, titled "COVID-19 is likely to impact animal health" in May 2020, there was an immediate impact on animal health due to the sudden human confinement and inactivity. It also reported that there were medium to long-term effects of the upcoming economic crisis on farming and veterinary services. Thus, COVID-19 had a pronounced impact on the market growth over the forecast period.

The market is expected to grow due to increasing animal adoption and animal health expenditure, rising animal diseases and the associated surgical procedures, along with technological advancements, are among key trends expected to trigger market growth.

The IntechOpen Journal article titled "Epidemiology of Bovine Mastitis and Its Diagnosis, Prevention, and Control" published in November 2021 reported that mastitis is an inflammation of the mammary gland in which pain persists in both or one mammary gland and is a very common disease in bovines. It also reported that there was nearly an 18.74% prevalence of clinical mastitis in India in buffaloes from rural and urban dairy farmers. Additionally, there was a higher level of incidence of subclinical mastitis; nearly 47.9 percent was reported in the state of Madhya Pradesh, India. Such a high burden of the disease drives the growth of the market due to the increased adoption of infusion pumps for the delivery of medication to animals during therapy.

In addition, in January 2021, Merck Animal Health signed a partnership with The Street Dog Coalition to provide medications, vaccines, and treatment for pets experiencing homelessness. The Street Dog Coalition is a non-profit organization that offers free basic veterinary care to pets of homeless individuals by taking a One Health approach to street medicine and caring for the lives

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on "both ends of the leash." Such efforts to provide treatment and medications to animals are fueling the growth of the market.

Moreover, the governments of different nations are introducing plans and guidelines for animal welfare. For instance, in May 2021, the United Kingdom Government introduced the first-ever action plan to improve the welfare and conservation of animals at home and abroad. The action plans include improvement and welfare programs for all animals, like incentivizing farmers to improve animal health and welfare through future farming policies, etc. Such initiatives raise awareness about animal health and thus boost the growth of the market.

Furthermore, the rising initiatives from the key market players and rising benefits of the advanced veterinary infusion pumps will further drive the market growth over the forecast period. For instance, in January 2021, Eitan Medical's upgraded Sapphire infusion pump system software Rev15, which includes the infusion pump, administration sets, and accessories, received United States Food and Drug Administration (FDA) clearance. This will further drive the adoption of such infusion pumps, thereby driving the market growth.

Therefore, owing to the aforesaid factors, the market for veterinary infusion pumps is expected to propel over the coming years. However, increasing pet care costs may hinder the market's growth.

Veterinary Infusion Pumps Market Trends

Large Volume Infusion Pumps is Expected to Hold a Major Share in the Studied Market Over the Forecast Period

Large volume infusion pumps are expected to hold a major share in the global veterinary infusion pump market over the forecast period. This can be attributed to the increasing use of large volume infusion pumps for delivering fluids to animals during a blood transfusion, administering parenteral nutrition, and in emergency conditions. The infusion pumps can either be manually operated or automatically. The large volume of infusion pumps can be categorized based on weight, technology, accuracy, flow rate, battery life, and type of infusion (continuous, intermittent).

According to the study published in *Frontiers in Veterinary Science*, titled "Evaluation of the Distribution and Elimination of Balanced Isotonic Crystalloid, 5% Hypertonic Saline, and 6% Tetrastarch 130/0.4 Using Volume Kinetic Modeling and Analysis in Healthy Conscious Cats" in November 2020, a large-volume and rapid balanced isotonic crystalloid infusion rate in euvoletic cats is considered since all intravenous fluid types assessed get distributed swiftly in general. The rising importance of fluid distribution, which is achieved swiftly by the large volume infusion pumps, is therefore expected to drive the growth of this segment over the forecast period.

In addition, technological advancements in large-volume infusion pumps are also expected to contribute to this segment's growth. For instance, in February 2021, B. Braun Medical Inc. (B. Braun) was awarded "2021 Best in KLAS for Traditional Smart Pumps" for its infusomat space large volume pump based on side-by-side performance comparisons and feedback from healthcare providers across the United States.

Thus, these aforementioned factors are anticipated to drive the growth of the segment over the forecast period.

North America Holds a Major Share of the Market and it is Expected to do the same Over the Forecast Period.

North America is expected to dominate the market and is also an important revenue contributor in the global arena. Rising animal diseases and growing pet adoption are stimulating the growth of the region. According to the North American Pet Health Insurance Association in 2021, the basic annual expenditure for dogs and cats includes USD 458 for dogs and USD 201 for cats. Such high expenditure on a pet coupled with a rising focus on their health will lead to the adoption of veterinary infusion pumps

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during the surgeries. Hence, all these factors are found to create high growth opportunities for infusion pumps in the North American region.

In addition, in December 2020, the Society for the Prevention of Cruelty to Animals, Los Angeles, reported that the adoption rate had doubled in June 2020, with daily adoption numbers reaching about 10 to 13 pets per day. The rising adoption of pets may drive the growth of the veterinary infusion pump market in the long term, as with the adoption of pets, the focus on pet health also increases.

Furthermore, according to the Veterinary Medical Association 2020, there were around 75,349 veterinary private practices in the United States as of December 2020. Such a huge number of veterinary practices will further drive the growth of veterinary infusion pumps in this region, driving the market growth.

Hence, owing to the above-mentioned factors, the market is expected to project growth in this region over the forecast period.

Veterinary Infusion Pumps Market Competitor Analysis

The veterinary infusion pumps market is moderately competitive and consists of major players. In terms of market share, a few of the major players are currently dominating the market. Some of the companies that are currently dominating the market are B. Braun Melsungen AG, Burtsons Medical Equipment Ltd., Digicare Biomedical Technology Inc., DRE Veterinary, Grady Medical System Inc., Heska Corporation, Jorgensen Laboratories, Kent Scientific Corporation, Mediaid Inc., and Q Core Medical Ltd., among others.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

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