

Infusion Pumps Market is estimated to be US\$ 24.63 billion by 2030 with a CAGR of 9.90% during the forecast period

[Infusion Pumps Market](#) accounted for US\$ 12.34 billion in 2020 and is estimated to be US\$ 24.63 billion by 2030 and is anticipated to register a CAGR of 9.90%.. An infusion pump infuses fluids, medication or nutrients into a patient's cardiovascular system. It's generally used intravenously, although subcutaneous, arterial and epidural infusions are occasionally used. Infusion pumps can administer fluids in ways in which would be impractically expensive or unreliable if performed manually by nursing staff. for instance , they will administer as little as 0.1 mL per hour injections (too small for a drip), injections every minute, injections with repeated boluses requested by the patient, up to maximum number per hour (e.g. in patient-controlled analgesia), or fluids whose volumes vary by the time of day. Because they will also produce quite high but controlled pressures, they will inject controlled amounts of fluids subcutaneously (beneath the skin), or epidurally (just within the surface of the central systema nervosum – a really popular local spinal anaesthesia for childbirth). There are two basic classes of pumps. Large volume pumps can pump fluid replacement like saline, medications like antibiotics or nutrient solutions large enough to feed a patient.

The report “**Global Infusion Pumps Market, By Product (Devices & Pumps (Syringe Infusion Pumps, Insulin Infusion Pumps, Volumetric Infusion Pumps, Ambulatory Infusion Pumps, Patient Controlled Analgesia Pumps, Implantable Infusion Pumps, and Enteral Infusion Pumps) and Accessories & Disposables (Infusion Catheters, Valves, IV sets, Cannulas, Tubing, and Needles)), By Application (Diabetes, Gastroenterology, Analgesia & Pain Management, Chemotherapy, and Pediatrics & Neonatology), By End User (Hospitals, Home Care, and Ambulatory Surgical Centers (ASCs)), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2030**”

Key Highlights:

- In 2021, Bexson Biomedical announced the launch of its R&D initiative to develop novel subcutaneous formulations of several different psychedelics, empathogen and other psychoactive compounds. The effort applies the company's existing subcutaneous formulation technology to several psychoactive drug scaffolds for the treatment of mental health indications, such as PTSD and depression. The formulations are designed for controlled delivery via Bexson's proprietary subcutaneous infusion pump technology in development with Stevanato Group, a leading global provider of drug containment, drug delivery and diagnostic solutions.

Analyst View:

The possibility of medication errors exists because of an increasing disease burden. Hence, there is a need for advanced delivery systems that are more safe, efficient, and standardized. The introduction of smart intravenous infusion pumps or next-generation intravenous pumps is

imparting greater growth opportunities for the overall market. Smart pumps are intelligent intravenous infusion devices that are embedded with a computer software system aimed at decreasing drug dosing errors through the presence of drug libraries ensuring safe medication administration.

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Key Market Insights from the report:

The Global Infusion Pumps Market accounted for US\$ 12.34 billion in 2020 and is estimated to be US\$ 24.63 billion by 2030 and is anticipated to register a CAGR of 9.90%. The global infusion pumps market report segments the market on the basis of product, application, end user, and region.

- By Product Type, the Global Infusion Pumps Market is segmented into Devices & Pumps (Syringe Infusion Pumps, Insulin Infusion Pumps, Volumetric Infusion Pumps, Ambulatory Infusion Pumps, Patient Controlled Analgesia Pumps, Implantable Infusion Pumps, and Enteral Infusion Pumps) and Accessories & Disposables (Infusion Catheters, Valves, IV sets, Cannulas, Tubing, and Needles).
- By Application, the Global Infusion Pumps Market is segmented into Diabetes, Gastroenterology, Analgesia & Pain Management, Chemotherapy, and Pediatrics & Neonatology.
- By End-User, the Global Infusion Pumps Market is segmented into Hospitals, Home Care, and Ambulatory Surgical Centers (ASCs).
- By region, the Global Infusion Pumps Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. North America market dominates the global infusion pumps market with higher market share, owing to increasing demand for smart infusion pumps from end users such as hospitals, homecare, ambulatory surgical centers (ASC) in the countries of this region.

Competitive Landscape:

The key players included in this market are Fresenius SE & Co. KGaA, Braun Melsungen AG, Medtronic, Inc., Baxter International Inc., Medical International Limited, Terumo Corporation, Hoffmann-La Roche Ltd., Johnson & Johnson, Becton, Dickinson and Company and ICU Medical, Inc.

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory.

Recent technological advances and innovations influencing the global market are included in the report.

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