

Vernay-Q Platform

Medical Applications

Vernay-QM Series Disposable Pumps



Introducing a new generation of disposable pump technology for precision medical applications.

*Convenient, compact and comfortable,
combining cost efficiency with better accuracy and control*

Vernay-QM Series Disposable Pumps

The Vernay-QM platform delivers a new era in economy, accuracy, and low maintenance operation in high performance disposable pumps. This revolutionary pump technology can replace typical peristaltic pump types, eliminating the problems associated with the “old-fashioned” technologies. Vernay brings together Quantex disposable pumps with Vernay flow control solutions to help you develop a co-engineered “smart design solution” for your medical device application. All device designs shown here are examples of possible disposable pouch or cartridge applications. Vernay and Quantex engineers will collaborate with your product design team on a co-designed, custom solution that meets your specific technical and brand needs.



The disposable pump is integrated into the pouch for slim, efficient design



The disposable pump is directly integrated into the IV line

Selected Application Groups

Benefits

IV Therapy Drug Delivery On-Demand Drug Compounding	High precision output without compromising drug delivery or reliability	Disposable pump eliminates contamination or cleaning mishaps, which allows for either ambulatory or bedside device use	Pump delivers constant smooth flow at any given flow rate	Simplifies motor-driven designs; all wearing parts are disposable, eliminating expensive maintenance and calibration
Blood Management Diagnostic Reagents Enteral Pump Laboratory Pump Perfusion Wound Care	Fluid delivery or extraction with disposable pump integrated into medically disposable bags	High precision disposable pump eliminates contamination or cleaning mishaps allowing for at home care as well as in hospital care needs	Airless and aseptic dispense	Flexibility to manage a wide variety of viscosities and chemical compositions at any given flow rate

Disposable Pump Applications

Blood Management
Diagnostic Reagents
Drug Compounding
Enteral Pump

IV Drug Delivery
Laboratory Pump
Perfusion
Wound Care Management

Functional Valves & Assembly Applications

Blood Handling
Cardiovascular
Drug Delivery
Enteral Feeding
Fluid Delivery
Gastrostomy
Hemo-Dialysis
In Vitro Diagnostics

IV-Therapy
Pharmaceutical
Respiratory
Surgery
Tracheal
Urology
Veterinary
Wound Care

About Vernay

Vernay engineers and chemists are recognized for co-designed fluid control solutions that make our customers' most ambitious product visions a reality. We have engineering, testing and manufacturing capabilities in the U.S., Italy, the Netherlands, Japan, Singapore, and China; R&D laboratories in the U.S., Europe, and Asia; and sales and customer service offices in France, Brazil and Korea. Local sales engineers in every region support our customers according to their languages and customs. We provide coordinated global logistics and supply chain solutions to meet the delivery requirements of customers.

About Quantex

Quantex designs custom pumping, dosing, dilution and mixing solutions for a broad range of applications in a disposable format. Quantex pumping technology provides a groundbreaking way of delivering fluids from consumable packs and is particularly suitable where there is a desire to eliminate cleaning regimes. Airless and aseptic dispense capabilities provide enhanced levels of hygiene in a maintenance-free package. Typically built into the packaging, Quantex pumps are an environmentally friendly, cost effective means to accurately dispense beverages, foods, soaps, detergents, pharmaceuticals and chemicals.