



Sapphire Multi-Therapy Infusion Pump

FOR EMS

The **Solution** for
pre-hospital infusion

When every second counts,
Sapphire Multi-Therapy IV infusion pump delivers
even under the most demanding conditions

We have designed Sapphire to be **small, lightweight & sturdy** the perfect partner for any pre-hospital clinician, no matter the environment

Sapphire Infusion Device: Emergency Responder Ready Features

- + Intuitive user interface
 - + Highly customizable, with versatile programming options
 - + Fast setup and programming
 - + Extensive drug library capability with simple search feature
 - + Half Set available
- + Approved for air and ground transport*
 - + Multiple mounting and carrying solutions**
 - + Durable design with a small footprint
 - + Long battery life
 - + Reliable and cost effective

* IEC 60601-1-12 - Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical service environment.

** SAE J3043 - J2917 Frontal Impact | J3044 Rear Impact | J2956 Side Impact



Dimensions	143 x 96 x 49 mm (5.63 x 3.78 x 1.93 in.) (H x W x D)
Weight	418 g (14.7 oz.) (excluding battery)
Indications	Intravascular, subcutaneous, intra-arterial and epidural
Indicated Use	The pump is intended to be used by licensed health care professionals in a clinical environment, home users in an ambulatory environment and in pre-hospital medical air and ground transportation
EMS Standard	IEC 60601-1-12 - Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment.
Drug Library	Holds up to 40 different clinical care areas and 1,000 drugs per area
Infusion Device	Volumetric, peristaltic
Delivery Modes	Continuous, PCA, Intermittent, Multi-Step, TPN, Epidural
Accuracy	%2.5± under nominal conditions (per IEC 60601-2-24 standard)
Flow Rate	0.1 - 999 mL/h 0.1 - 99.9 mL/h in increments of 0.1 mL/h 100 - 999 mL/h in increments of 1 mL/h
Volume (VTBI)	0.1- 9999 mL in increments of 0.1 mL
Power Supply	100 - 240V 50-60 Hz, 0.6A
Battery Type	Rechargeable Li-Ion battery 7.4V, 1960 mA/h
Battery Life	24 hrs @ 125 mL/h Recharge time: up to 6 hrs
Downstream Occlusion	Up to 17.4 PSI (1.2 bar or 900 mmHg)
Temperature	Operating Temperature: +5° (41°F) to 40°C (104°F) Storage/Transiet Temperature: -40°C (-40°F) to +70°C (+158°F)



Make a difference when Every Second Matters

We know that in an emergency, every second counts. Sapphire's simple single hand cassette insertion, quick set-up and intuitive workflows can improve response time so you can focus on saving lives



Overcome harsh Conditions

We understand life in a prehospital environment is filled with surprises and challenges. Sapphire is a durable and sturdy performer. Built to withstand drops and bumps, as well as splashing fluids, with a touch screen that can be operated even when wet, giving you the confidence needed to initiate an infusion anytime, anywhere



Respond with Precision

We understand the unique needs of adult, pediatrics, and other populations. Sapphire can safely manage infusions for each of your patient sets with a wide flow rate range, industry-leading flow rate accuracy, and exceptional flow continuity. Preset programs, can be configured to accommodate a variety of protocols and streamline pump programming



Control your Investment

We know the costs of infusion pump maintenance and we offer a variety of Extended Service Programs to meet the needs of your organization. We can provide the tools and training to complete maintenance activities independently, minimizing downtime and reducing operational costs





Contact Info

Provided By:
Medical Dynamics
TECHNOLOGY OF THE FUTURE, TODAY™
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www.thinkMDI.net

EITANGROUP
Innovating Infusion

Manufactured by Q Core Medical