Sapphire™ Multi-Therapy Infusion Pump

Sapphire Multi-Therapy Infusion Pump delivers, even under very demanding conditions



Technical Specifications

Make a Difference When Every Second Matters

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

Overcome Harsh Conditions

Sapphire is a durable and sturdy performer. Built to withstand drops, bumps, and splashing fluids, its touchscreen works even when wet, giving you the confidence needed to initiate an infusion anytime, anywhere.

Respond With Precision

We understand the unique needs of adults, pediatrics, and other populations. Sapphire safely manages 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 to streamline pump programming.

Control Your Investment

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

ZOLL®

Designed to Be Small, Lightweight & Sturdy

The perfect partner for any pre-hospital clinician, no matter the environment

- 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

Sapphire™ Multi-Therapy Infusion Pump Specifications

Dimensions
143 x 96 x 49 mm (5.63 x 3.78 x 1.93 in.) (H x W x D)
Weight (excluding battery) 418 g (14.7 oz.)

Indications
Intravascular, subcutaneous, intra-arterial, epidural, perineural

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.

IEC 60601-1-12 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 normal conditions (per IEC60601-2-24 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/Transient Temperature: -40°C (-40°F) to +70°C (+158°F)

* 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



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Specifications subject to change without notice.
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