eitan medical sapphire

sapphire™

Multi-Therapy

Single solution fits all,
for any infusion need

AVOBUS EQUIPMENT
To Purchase, Visit Avobus.com or call 1-800-674-3655

Accurate infusion care, simple, fast, effective, and future-ready

Be empowered with a complete infusion system that delivers multiple therapies, for home care, hospitals, and ambulatory settings. Sapphire drives the future of infusion care.

- **Compact, lightweight device that is intuitive and easy to use**
- **Consistent accuracy with robust performance**
- **Single solution fits all, for any infusion need**
- **Smart technology that helps you minimize dosage errors and false alarms**

Optimized Patient Outcomes, for the Long-Run

The Sapphire pump is a sturdy performer packed in a small, simplified design.
Programming is quick and easy on its intuitive touchscreen, for setting its feature-rich functionality that combines patented magnetic flow control innovation.
With its maximized reliability, low-flow continuity, and built-in adaptability that meets any new requirement, Sapphire simplifies patient care with confidence for the long-run.

Make Sapphire Your Advantage

One infusion pump, multiple therapies

- Multi-therapy capable: TPN, PCA, continuous, multi-step, piggyback, intermittent, epidural, and PIEB
- Intuitive point-of-care programming
- Configurable settings and patient-specific parameters
- Highest ±2.5% accuracy rate
- Easy switch between pump and gravity infusion

Exceptional ease that drives patient safety

- Large, clear, color touchscreen
- Quick setup for rapid response
- 4 lock levels
- Dual anti-free flow mechanism in the pump and administration set
- Auto restart after downstream occlusion
- Resume option after shutdown during infusion
- On-screen alarm troubleshooting

Future-ready care and confidence

- Flexible software-driven pump for versatility and fast enhancement
- Cost-effective upgrades, including additional therapy modes
- A Powerful platform, one user interface for any infusion need

Thrive with a low total cost of ownership

- Minimized costs throughout product life-cycle, from purchase to upgrade
- High uptime, with a unique pumping mechanism that reduces wear on moving parts
- Remote upgrading online and on-site annual certification
- Reduced spending on training and inventory, based on feature-rich functionality and one common user interface across all therapies
- Highly durable with high protection against fluids, impact and power surges

Multy-Therapy Key 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.)

Infusion device
Volumetric, peristaltic

Pumping mechanism
Single channel volumetric,
with an integral pressure sensor

Infusion delivery modes
Continuous (with and without a Secondary line), PCA, Intermittent, Multi-step, TPN, Epidural (PCEA, Epidural Intermittent, PIEB)

KVO rate
Up to 20 mL/h in increments of 0.1 mL/h

Accuracy
±2.5% under normal conditions
(per IEC60601-2-24 standard)

Battery
Rechargeable Li-Ion battery 7.4V, 1960 mA/h, 24 hrs @ 125 mL/h (with a fully charged battery and backlight Off)
Recharge time: up to 6 hrs
(when the pump is not in operation)

Flow rate
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

External power supply
100-240V 50-60 Hz, 0.6A

Downstream occlusion
Up to 1.2 Bar (17.4 PSI or 900 mmHg)

Air in line sensor
the Sensor detects single and accumulated bubbles of selectable sizes varying from 0.02 mL - 0.5 mL

Operating temperature
+5° (41oF) to 40°C (104oF)

Water ingress and dust protection
IP24 according to IEC 60601-1-11

Prime
Manual or automatic priming (600 mL/h, or from the air in line alarm 900 mL/h)

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eitan medical
care & beyond™

Q Core Medical Ltd. is the manufacturer of Sapphire products.

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