



HOW IT WORKS

VeinViewer® uses harmless near-infrared (NIR) light, very similar to pulse oximetry, which is flooded down on to the patient's skin. Hemoglobin in the blood absorbs this NIR, and the surrounding tissue reflects it back to the imaging head. The head unit captures this returned data, processes it through our proprietary algorithms, adds color and contrast and sends it back to the skin surface in real time.

AVIN™ (Active Vascular Imaging Navigation) allows VeinViewer to "see through the skin" viewing veins, bifurcations, valves, real-time refill/flushing of vessels and complications such as hematomas from an accidental puncture thereby improving the outcome of the total vascular access procedure, not just the needle stick.

Ideal for alternate care facilities, such as surgery and blood/plasma centers, as well as home healthcare and EMS; VeinViewer Flex is designed for durability and maximum portability. Flex is also suited for hospital departments such as the ER and NICU.

FEATURES

Flex comes standard with our Universal Imaging Mode and offers the full ASSESS™ Imaging Suite through upgrades:

- **Universal** – Useful on all patients.
- **Fine Detail***– Ideal for seeing small veins in pediatric or sclerotherapy patients.
- **Inverse***– Further customize to your preference; very effective for darker skin tones.
- **Resize***– Choose 1 of 3 window sizes, a great feature for focusing on smaller appendages of pediatric patients.
- **MaxBright***– Boosts brightness by another 40% for use in non-standard lighting conditions. **Brightest NIR vein illumination device on the market.** Available in EMS configuration only.

Flex shown with both base and optional accessory kit.



BASE ACCESSORY KIT & STANDARD ITEMS:

- 2 S-Mounts (Stability Mount + C-Clamp and Super Clamp Systems)
- 2 Fast-Swap Batteries
- Battery Charger
- AC Power Adapter
- International Power Adapters (North America, EU, UK, China, Australia)
- Wrist Strap
- Nylon Storage Case
- USB Cable (for connection to VeinViewer Flex Connect PC Software)
- VeinViewer Flex Connect PC Software to upgrade your device
- VeinViewer In-Service Training Video

Optional Accessories:

- Travel Case
- Car Charger

TESTIMONIALS

"The use of VeinViewer allows us to find veins and draw units from subjects whom we would not have been able to successfully draw from without it."

—Edward Scott, MD

Lifeblood Mid-South Regional Blood Center
Memphis, TN

"We have been using our VeinViewer for about 18 months and love it. We use it predominately for reticular veins and identifying the veins which feed the large clusters of spider telangiectasias. It is also very helpful for the lateral subdermal venous plexus. Most importantly, the patients absolutely love the technology and I feel that it legitimizes us as vein specialists."

—William Schuh, MD

Vein Care Institute
Denver, CO



SPECIFICATIONS

| | |
|------------------------|---|
| Depth of Visualization | Up to 10mm |
| Brightness | 6 lumens |
| Resolution | Under testing; Designed to same accuracy specifications as VeinViewer Vision, ~97% accurate vein width against ultrasound |
| Power Source | Battery or AC (outlet) |
| Battery Life | Up to 2 hours continuous run time (4 hours with additional battery) |
| Dimensions | 11.5 x 1.5 x 3.8" (29.21 x 3.81 x 9.65cm) |
| Weight | 1.6lbs (0.73kg) |
| Durability | Drop tested per IEC/UL 60601-1 |



- 1 Customizable suite of exclusive ASSESS™ Imaging Modes
- 2 Operate via battery or AC power
- 3 Fast-swap battery
- 4 Optional hands-free S-Mount (Stability Mount) for Eyes On Patient™ technique
- 5 Drop-tested per IEC/UL 60601-1 for quality and durability

VeinViewer Flex is rated as an EMC Class B device and is suitable for use in all environments, industrial and domestic.



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