

VeinSight VS400

Infrared Vein Illuminator



The VS 400 Vein Illuminator projects near-infrared light with no radiation. The near-infrared light is absorbed by the blood but reflected by the surrounding tissue to present a clear image of a patient's vein pattern.

The VS400 features:

- High resolution imaging
- 5 color modes for different skin tones
- 3 projection sizes
- Long life rechargeable battery
- Fixed and mobile support arms available

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Support



Application



VENIPUNCTURE

The VeinSight can help healthcare professionals in finding a suitable vein for venipuncture efficiently and accurately.



COSMETIC PROCEDURES

The VeinSight can be used to locate and avoid veins during cosmetic procedures which can minimize bruising and possible migration of the injected fluids.



VASCULAR PROCEDURES

During vascular procedures, the VeinSight can help identify deeper veins and assist in the treatment of Spider veins.

Specifications

TYPE: Blood Analysis System

LIGHT TYPE: Near-infrared light

INFRARED WAVELENGTHS: 850 nm

IMAGE RESOLUTION: 720*480

VISIBLE VEIN SIZE: $\geq 1\text{mm}$

ACCURACY: 0.25mm

DEPTH OF VISIBLE VEIN: $\leq 12\text{mm}$

BEST PROJECTION DISTANCE: 200 \pm 20mm

IMAGE FRAME RATE: 20FPS

LED LIFETIME: 20000 hours

POWER SUPPLY: DC 5V $\leq 3.5\text{W}$

WEIGHT: 450g

DIMENSION: 240x60x60mm (LxWxH)

BATTERY VOLUME: 4400mAh

BATTERY WORKING TIME: ≈ 5 hours

CHARGING TIME: ≈ 3 hours

BATTERY DETACHABLE: Yes

OPERATING MODE:

The VS400 can be used as a hand held device or can be used suspended on the optional mobile or fixed mounts.

The VS400 will come equipped with a charging dock and Power cable.

043.908.0001 REV 2