

Parameters

Display method :	DLP display
Penetration depth :	8mm beneath the skin
Brightness :	Adjustable brightness (four levels)
Optimal imaging distance :	210mm±30mm
Radiation :	≤0.6mW/m ²
Net weight :	430g
Size :	213*65*62mm
Operating mode :	Basic mode, Green light mode, Depth detection, Pediatric size

Projection Vein Finder reduces the first venipuncture failure rate by 77.5%, and the infiltration rate by 61.4%.

—Clinical data from a comparative study of 360 cases. The results of this study had been published on Journal of Nursing Administration, September 2015.



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Projection Vein Finder

VIVO500S

Accurate / Efficient / Portable / Safe



Principle

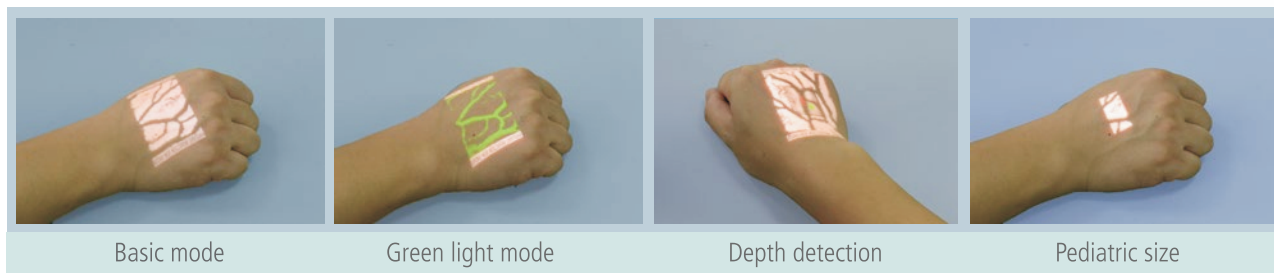
The Projection Vein Finder VIVO500S is based on the principle that human hemoglobin has a higher absorption of infrared light than other tissues. With our enhanced imaging processing unit, up to 80% invisible veins can be detected. The processed vein image is synchronously and precisely projected back on to the skin.



Benefits

- Accurate Alignment accuracy ≤ 0.5 mm
- Visualized DLP real-time in situ display
- Intelligent Vein depth detection and evaluation
- Portable Compact and convenient
- Safe adopt Near infrared light

Different Modes:



Different Parts:



Highly recommended by INS Infusion therapy standards practice

22.1 To ensure patient safety, the clinician is competent in the use of vascular visualization technology for vascular access device (VAD) insertion. This knowledge includes, but is not limited to, appropriate vessels, size, depth, location, and potential complications.

22.2 Vascular visualization technology is used in patients with difficult venous access and/or after failed venipuncture attempts.

22.3 Vascular visualization technology is employed to increase the success with peripheral cannulation and decrease the need for central vascular access device (CVAD) insertion, when other factors do not require a CVAD.

- Features :
- Depth detection
 - Adjustable brightness
 - Adjustable imaging size



Clinical Application



- ① Venipuncture
- ② Drawing blood
- ③ Varicosity treatment
- ④ Micro-plastic surgery

