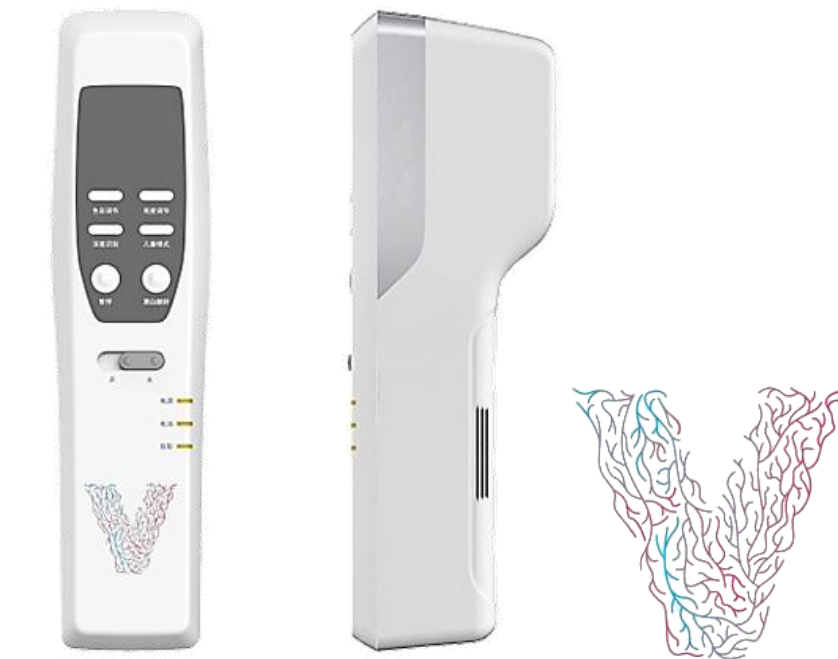


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## VEIN DETECTOR VDA-80



The VDA-80 vein detector is a revolutionary discovery in medicine that facilitates the work of medical staff. For different wavelengths near infrared light, the absorption between hemoglobin in the blood and peripheral tissue is different. Through photoelectric conversion and image processing, a clear visualization of the superficial veins is performed.

### *Advantages*

- Accurate visualization of the veins in real time;
- Lightweight and comfortable to work with;
- Various applications;
- Wide range for distance and direction adjustment;
- All-digital processing provides a high-quality frame with excellent image;
- Different lighting regime allows specialists to determine the exact depth and location of the veins;
- High protection against interference and ensuring a continuous homogeneous image;

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## *Main applications*

- Vein cannulas and injections by adults, children or newborns;
- Blood sampling for laboratory tests;
- Investigations of venous thrombosis;
- Scalp transfusions in newborns;
- Studies of the flameus nevus;
- Venous sclerotherapy;
- Laser therapy;

## *Equipment*

- Main device - 1 pc.
- Intensifier - 1 pc.
- Charger 12V, 1.5A - 1 pc.
- Extension cable - 1 pc.
- Surgical marker - 1 pc.

## *Options:*

- Table mounting stand



- Mobile cart



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## Operating modes

- *Color settings* - green, white or red depending on the patient's skin.



- *Brightness settings* - in order to get the best image



- *Background settings* - for different skin color the background is adjusted for the best visualization of the veins



- *Depth settings* - acquisition of an image for a target vein



- *Mode for children and babies* - receiving a mini projection



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## *Gallery for clinical applications*

- Cosmetic injection procedures



- Leg



- Foot of a newborn



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- Blood sampling for laboratory tests



- Laser therapy



- Transfusion



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- Scalp transfusions in newborns



- Examination for sclerotherapy



- Examination of the flameus nevus



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- Examination of venous thrombosis



- Taking blood from vein



- Placement of vein cannula



София: FPI Бизнес център  
бул. Черни връх 51Б, София 1407  
Варна: Ул. Кирил Шиваров 9Б, Варна 9002

**МЕДИЦИНСКА**  
**ИЛАН**  
**апаратура**

Тел.: 07001737; Тел./факс: 052 612258  
Моб.: 0898 587197; 0885 565080  
e-mail: office@ilan.bg; www.ilan.bg