

# QV-500 Vein Finder



## Product Introduction

QV-500 is a portable vein finding device. It can project the blood vessels image on skin surface accurately and timely. The ergonomic design makes it very comfortable to hold. And the optional desktop stand and mobile trolley are available for multiple application situations.

Help doctors and nurses easily find veins of various patients, such as obesity, hairy or dark skin people, etc. It highly increases the success rate of puncture thus reduces the cost and pain.

This device also can be used to examine patients with varicose veins, and avoid closed or bifurcated veins.

## Functions:

This machine has various user-defined functions, which can adapt to different ages, body shapes, skin colors, weights and various operating environments.

- 7 Colors Available: Suitable for different skin colors or environments.
- 3 Sizes Available: Suitable for adults, children and newborns.
- 5 Levels of Brightness: Adjust the projection image to the most comfortable brightness.
- Inversion: Reduce arm hair interference and make blood vessels clearer.

- Enhancement Mode: Enhance the clarity of blood vessel detection.
- Sleep Mode: enter into low power mode when the user needs short intervals and can be waked up quickly.

## Technical Parameter

Infrared light detection without harm to human body.

Infrared detection depth: 8mm

Best detection distance: 15-25cm

Accuracy of blood vessel position:  $\pm 0.5\text{mm}$

Accuracy of blood vessel resolution:  $\pm 0.5\text{mm}$

Low working noise:  $\leq 40\text{Bp}$

The battery power can be displayed at the upper side of the projected image.

Low Battery capacity prompt.

Panasonic 3400mA rechargeable lithium battery, 3 hours duration.

American DLP projection technology.

Image resolution  $\leq 1024 \times 768$

Alignment accuracy  $\leq 0.5\text{mm}$

Infrared radiation energy  $\leq 108 \mu\text{W} / \text{m}^2$

Adjustable brightness 5 level

Depth of vascular recognition Between 0 - 10mm

Power supply of charging: 5V 2.0A, 100V-240V 50Hz-60Hz

Weight: 280g

Size: 20\*6\*6.5cm

## Clinical Case



## Standard Configuration

Main machine  
Charging cable  
Charging adapter  
Aluminum Carrying Case  
User's manual  
Calibration card  
Warranty card



## Optional:

### Table Stand



### Mobile Stand



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**Declaration of Conformity****Manufacturer:****ARI Medical Technology Co.,Ltd**Block A, Lotus Industrial Park,Economic Development Zone, Hefei City,  
Anhui, China.

**According to EC Declaration of Conformity set out in Annex VII of the Council Directive 93/42/EEC (MDD93/42/EEC) concerning medical devices for the following products Series:**

<u>Item No</u>	<u>Products Name</u>	<u>UMDNS Code</u>	<u>Classification</u>
QV-500	Vein Finder	14346	Class I

**And declare that:**

- The product meets the essential requirements set out in MDD93/42/EEC Annex VII

**The manufacturing site for the above products complies with EN ISO13485:2003 Quality Management System Requirements for Medical Devices.**

**ARI Medical Technology Co.,Ltd***For and on behalf of*

ARI Medical Technology Co., Limited

合肥奥立瑞医疗科技有限公司

  
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*Authorized Signature(s)***Date: December 1th, 2020**



	A	B	C	D	E	F
2846	SALMED GRUP S.R.L.	IMPLANTCAST GMBH	GERMANIA	INSTRUMENTE PENTRU TIE FEMORALE ECOFIT INSERT DE PROBĂ Ø 32/48MM 02253248	DM000286822	Rg04-000326 24.12.2020
2847	SALMED GRUP S.R.L.	IMPLANTCAST GMBH	GERMANIA	INSTRUMENTE PENTRU TIE FEMORALE ECOFIT INSERT DE PROBĂ Ø 32/52MM 02253252	DM000286823	Rg04-000326 24.12.2020
2848	TEHOPTIMED S.A.	ZHEJIANG HONSUN MEDICAL TECHNOLOGY CO., LTD.	CHINA	OTOSCOP HS-OT10C	DM000286824	Rg04-000326 24.12.2020
2849	TEHOPTIMED S.A.	ZHEJIANG HONSUN MEDICAL TECHNOLOGY CO., LTD.	CHINA	OTOSCOP HS-OT10	DM000286825	Rg04-000326 24.12.2020
2850	TEHOPTIMED S.A.	ZHEJIANG HONSUN MEDICAL TECHNOLOGY CO., LTD.	CHINA	OTOSCOP HS-OT10L	DM000286826	Rg04-000326 24.12.2020
2851	TEHOPTIMED S.A.	ZHEJIANG HONSUN MEDICAL TECHNOLOGY CO., LTD.	CHINA	OPHTHALMOSCOPE HS-OP10	DM000286827	Rg04-000326 24.12.2020
2852	TEHOPTIMED S.A.	ZHEJIANG HONSUN MEDICAL TECHNOLOGY CO., LTD.	CHINA	OPHTHALMOSCOPE HS-OP10L	DM000286828	Rg04-000326 24.12.2020
2853	TEHOPTIMED S.A.	ARI MEDICAL TECHNOLOGY CO., LTD.	CHINA	DISPOZITIV PENTRU VIZUALIZAREA VENELOR VIEN FINDER QV-500	DM000286829	Rg04-000326 24.12.2020
2854	ERICON S.R.L.	XIAMEN BOSON BIOTECH CO., LTD.	CHINA	KIT TEST RAPID ANTIGEN NCOV RAPID SARS-COV-2 ANTIGEN TEST CARD 1N40C5	DM000286830	Rg04-000326 24.12.2020
2855	ERICON S.R.L.	XIAMEN BOSON BIOTECH CO., LTD.	CHINA	KIT TEST RAPID ANTIGEN NCOV RAPID 2019-NCOV IGG/IGM COMBO TEST CARD 1N38C2	DM000286831	Rg04-000326 24.12.2020
2856	LABORMED PHARMA S.A.	UNOLAB MANUFACTURING S.L.	SPANIA	SOLUȚIE SALINĂ 0,9% SER FIZIOLOGIC 40 MONODOZE A CÂTE 5ML	DM000286832	Rg04-000326 24.12.2020
2857	LABORMED PHARMA S.A.	UNOLAB MANUFACTURING S.L.	SPANIA	SOLUȚIE SALINĂ 0,9% INFANT UNO SER FIZIOLOGIC 20 MONODOZE CÂTE 5 ML	DM000286833	Rg04-000326 24.12.2020
2858	LABORMED PHARMA S.A.	UNOLAB MANUFACTURING S.L.	SPANIA	SOLUȚIE SALINĂ 3% INFANT UNO RESPIR 3% 20 MONODOZE A CÂTE 5 ML	DM000286834	Rg04-000326 24.12.2020