Discontinued products

Vascular Link Software	Smart-V-Link for Windows® Version 1
Bi-directional Printing Doppler	Smartdop® 20 / 20EX (* CE0366: 20EX only)
Bi-directional Printing Doppler for ABI	Smartdop® 30
Uni-directional Printing Doppler	ES-1000SPII / 1000SPM
Fetal Heartbeat Detector	ES-102S
Volume Flow Meter	QFM-1100 / QFM-21
PNEUMO-DOP®	HD-2200
MULTI-DOP®	HD-2020
Bi-directional Printing Doppler with LCD	Smartdop® 50 series / 50EX series
Bi-directional Doppler	HD-307
Bi-directional Doppler	ES-100VII (* CE0366)
Vasculascope	MODEL820 / 500
Vascular Link Software	V-LINK for Windows®

Vascular Link Software

Smart-V-LINK for Windows® Version 1 (v.1.0/v1.1/v1.2/v1.3)

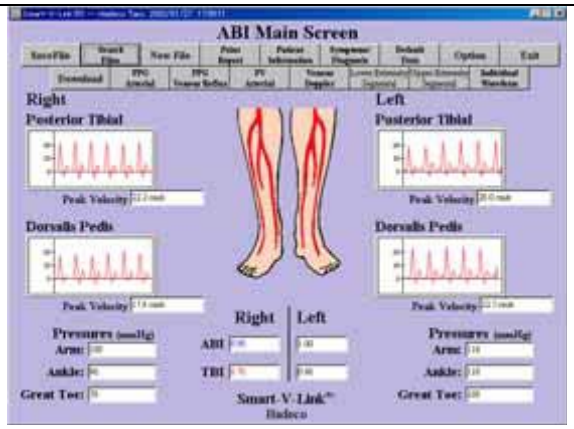
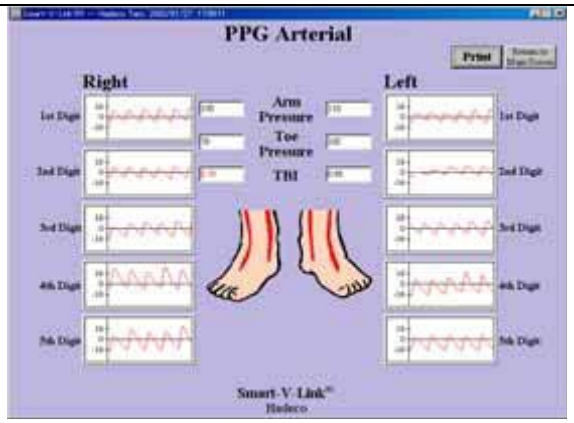
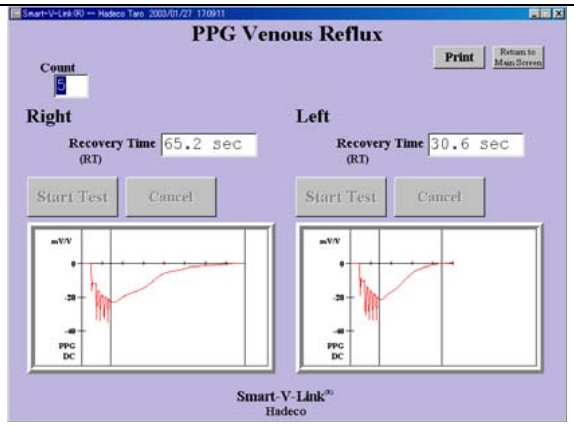
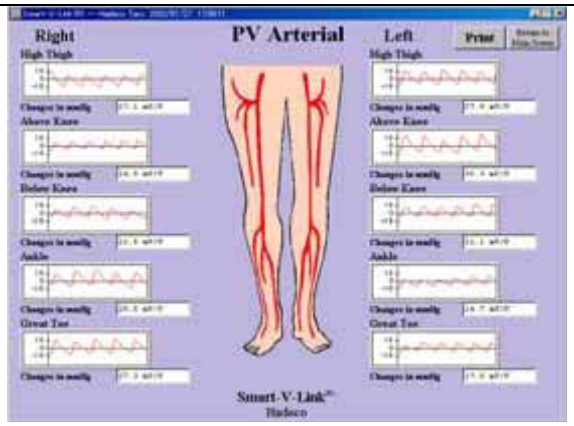
<Features>

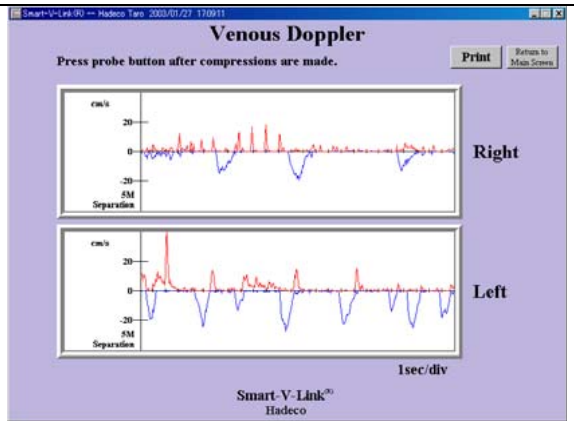
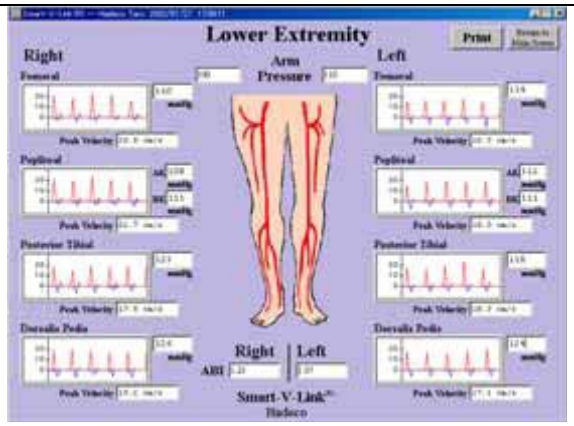
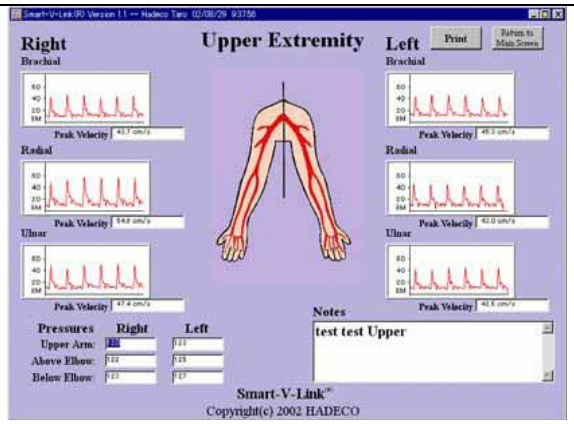
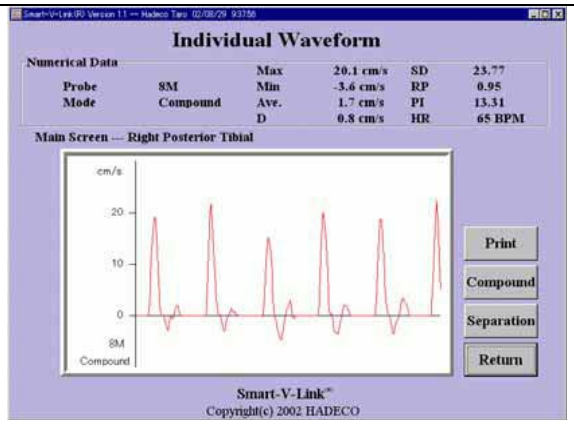
1. Fully auto-gain controlled waveform by computer
2. ABI, TBI and arterial blood flow velocity
3. Real-time vascular waveform display
4. Data storage for future reference
5. Standardized testing modules for easy operation and documentation
6. Waveform data download for Dopplers supporting download capability

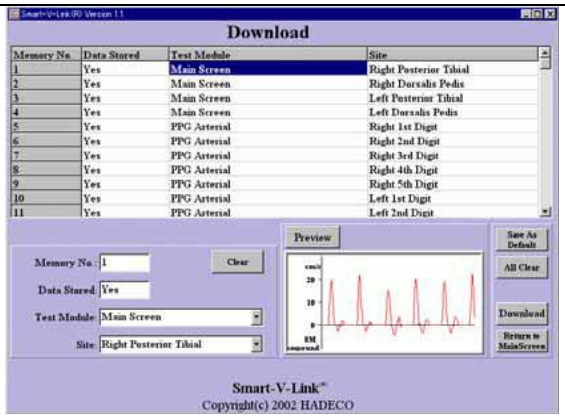
＊ Update: Please go to “Support page” to update Smart-V-Link

(How to check Smart-V-Link version : Please go to Option screen, present version is shown on the bottom.)

<Screenshots>

	Testing module	Thumbnail	Note
1.	Main Screen		
2.	PPG Arterial		
3.	PPG Venous Reflux		
4.	PV Arterial		

5.	Venous Doppler		
6.	Lower Extremity Segmental		
7.	Upper Extremity Segmental		
8.	Individual		

9.	Download		Only available for Dopplers supporting download capability. (100V3, SD-45, SD-50EX, SD-50EX-F)

<Required system>

OS	Windows® 98/2000/XP, English version
CPU	Pentium 400MHz or over
RAM	64MB or more
HDD	10MB or more
Display	800 x 600 dots, 256 colors or more
Applicable Doppler	Hadeco Doppler with USB port or RS-232 unit: ES-100V3, Smartdop 45/50EX/50EX-F, DVM-4300, 4300T as of Aug, 2007
Interface	Special USB cable or RS-232 cable supplied with RS232 unit, straight type

Bi-directional Printing Doppler　Smartdop® 20

*Compact bi-directional printing Doppler.

Bi-directional Printing Doppler　Smartdop® 20EX

* Compact bi-directional printing Doppler.
* LED bar graph for velocity motion and direction.
* CE0366

Bi-directional Printing Doppler for ABI　Smartdop®　30

* Excellent for ABI study with built-in cuff inflator.
* Built-in printer.
* Displays maximum numerical velocity.

Uni-directional Printing Doppler ES-1000SPII/ES-1000SPM

* Compact with printer.
* LED bar graph for blood flow motion and direction. (SPM model only)

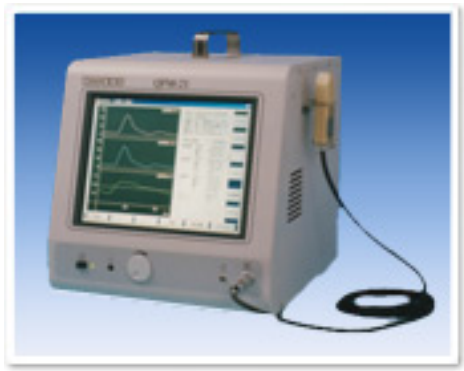
Fetal Heartbeat Detector ES-102S

* With sensitive probe and large speaker
* Ni-cad rechargeable battery or AC230V

Volume Flow Meter QFM-1100

* Excellent for diagnosing the carotid arteriosclerosis
(Parameters such as SPβ, ZO)
* Real time volume flow, velocity and wall motion.
* Monogram

Volume Flow Meter QFM-21



* Excellent for diagnosing the carotid arteriosclerosis (Parameters such as SPβ, ZO)
* Real-time volume flow, velocity and wall motion
* Comparative ability with the data of common carotid arteries separated by age
* Large 10.4 inch color & touch panel LCD

PNEUMO-DOP® HD-2200

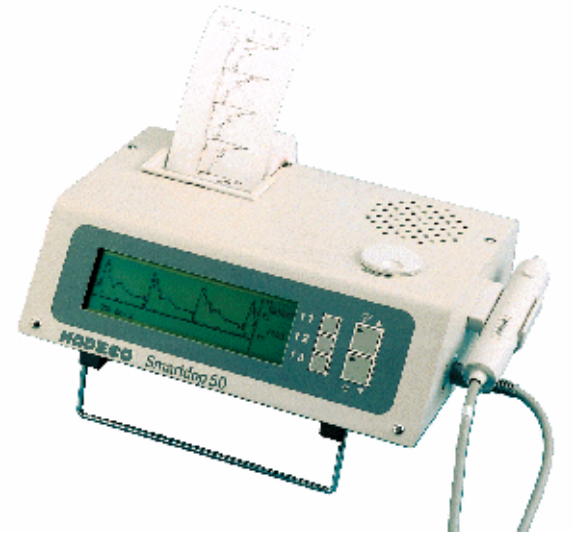
* Venous testing
* Doppler, PPG, PNEUMO

MULTI-DOP® HD-2020 with V-LINK software

(Excluding the computer and rack)
* Total vascular system using with V-LINK for Windows.
* Doppler, PPG, PNEUMO

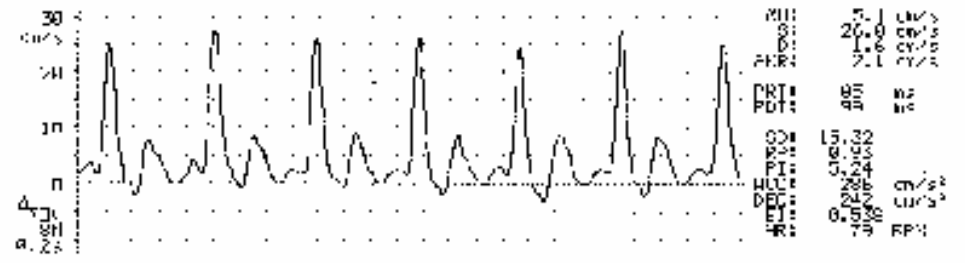
Bi-directional Printing Doppler with LCD Smartdop® 50 Series

Smartdop 50: Bi-directional Doppler
Smartdop 50-F: Bi-directional Doppler with frequency analyzer (envelopes)
Smartdop 50-FG: Bi-directional Doppler with frequency analyzer (gray scale & envelopes)

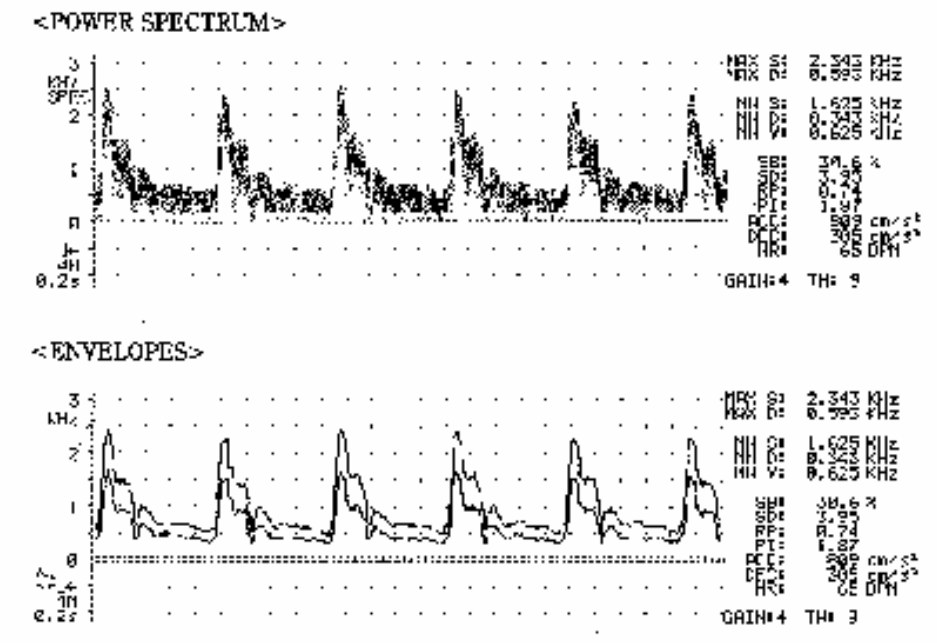


* Large LCD for real time waveform
* All standard numerical parameters
* Ni-Cad battery operated
* RS-232 optional computer interface
* Vascular Link Software V-LINK for Windows, optional
* PPG & Pneumo option (SD50/50-F model only)

<SD50 Print Sample>



<SD50-FG/SD50-F Print Sample>

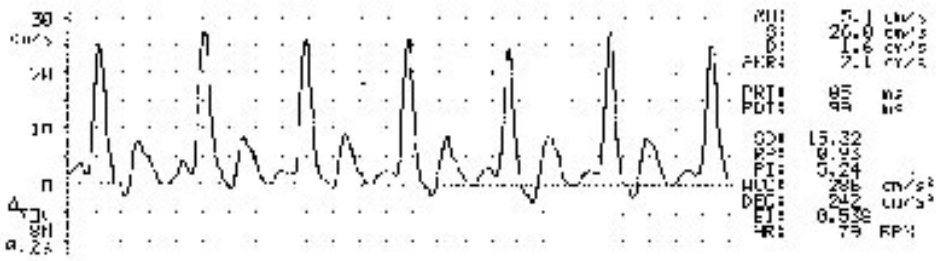


Bi-directional Doppler　Smartdop® 50EX Series

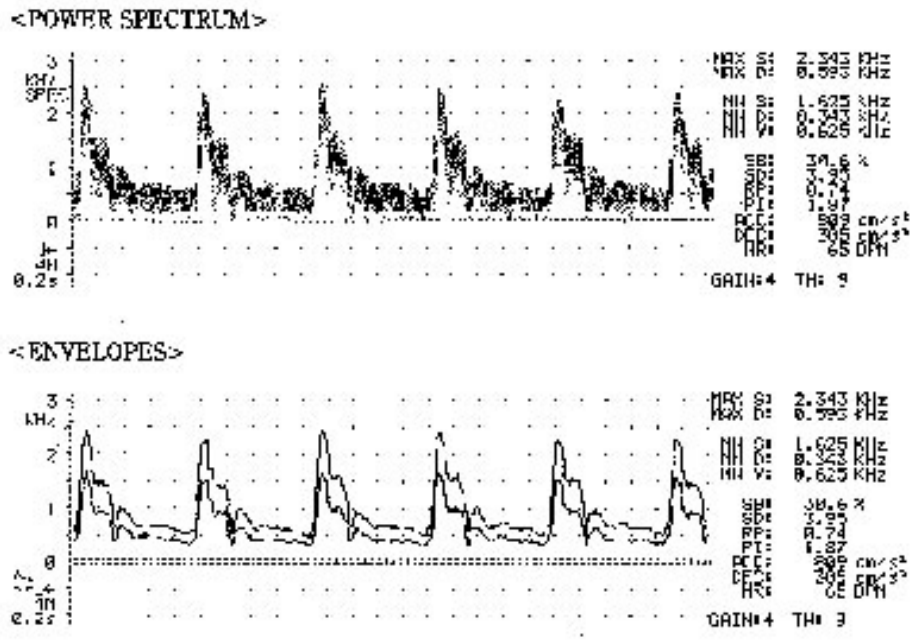
Smartdop 50EX: Bi-directional Doppler
Smartdop 50EX-F: Bi-directional Doppler with frequency analyzer

＊Large LCD for velocity waveform & numerical data
＊Up to 32 waveform memory
＊Ni-MH rechargeable battery pack or AC adaptor
＊USB computer inter
＊Vascular Link Software Smart-V-Link for Windows (Option)
＊PPG & Pneumo probes (Option)

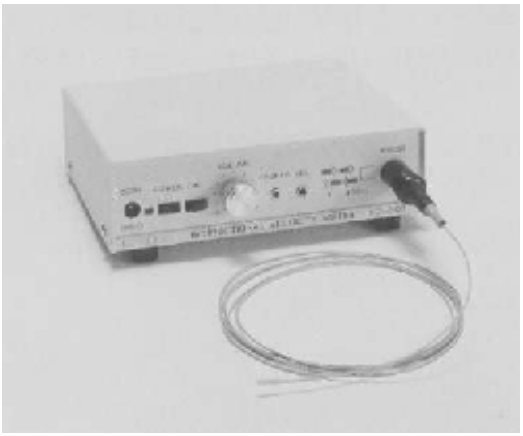
＜SD50EX Print Sample＞



＜SD50EX-F Print Sample＞



Bi-directional Doppler HD-307

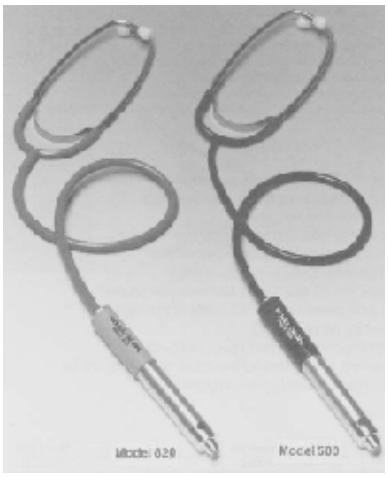


*For small vessels
*Includes 2mm DIAM. small probe.

Bi-directional Pocket Doppler ES-100VII

* Displays the bi-directional velocity motion and numerical velocity.
* Displays the fetal heart rate when use with 2MHz probe.
* CE0366

Vasculascope MODEL820, MODEL500



*Stethoscope type Doppler.

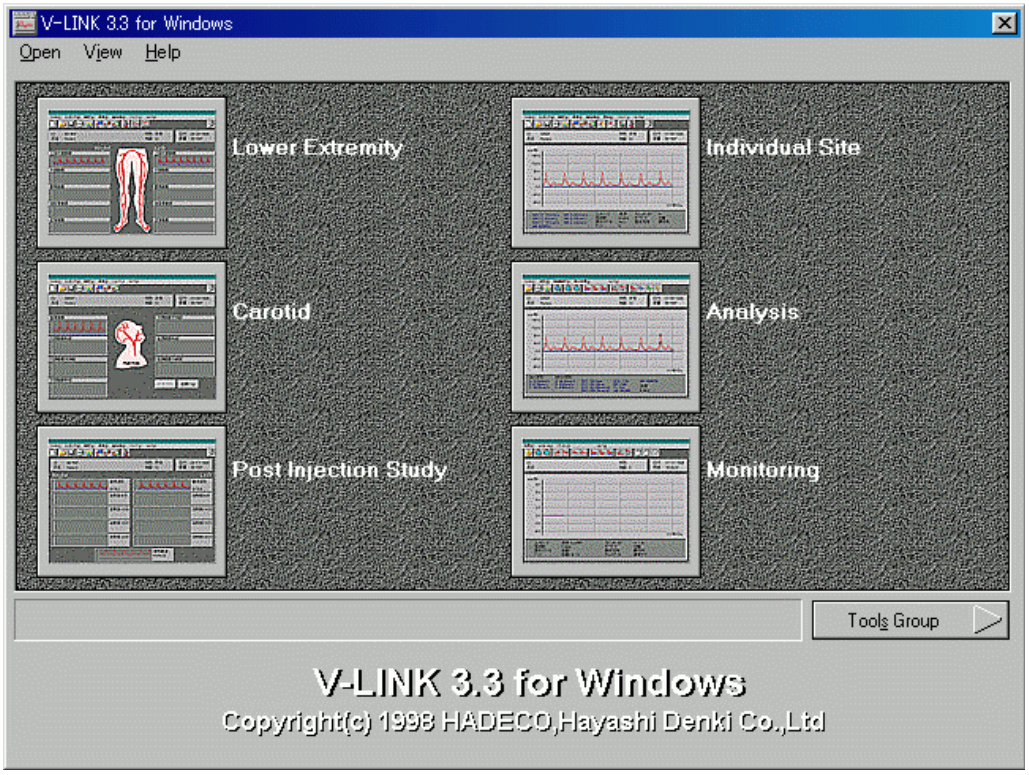
Vascular Link Software V-LINK 3.3 for Windows®

<Features>

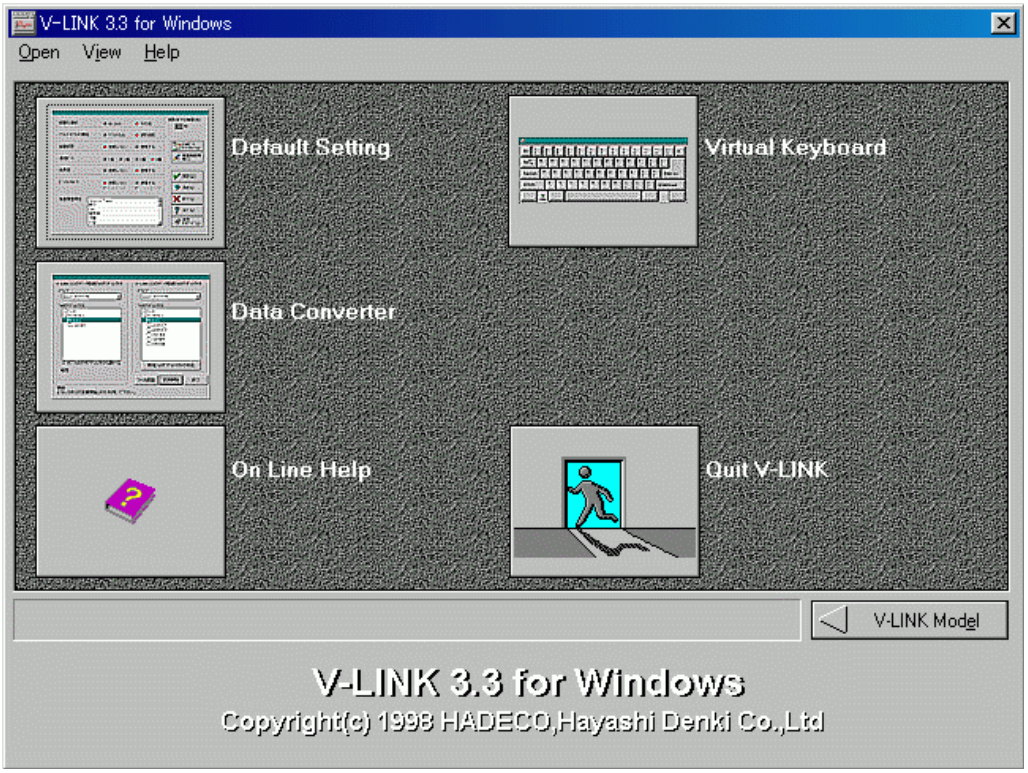
1. All operations are remote-controlled by computer

a) Main menu windows

Main menu



Sub menu

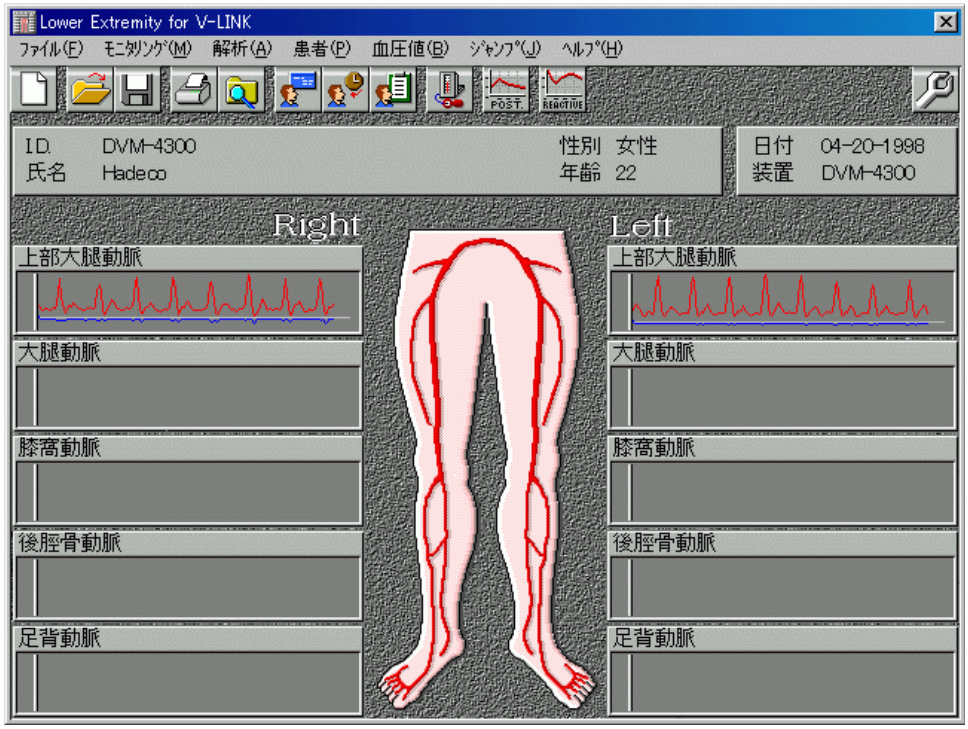


2. Real-time vascular wave form display

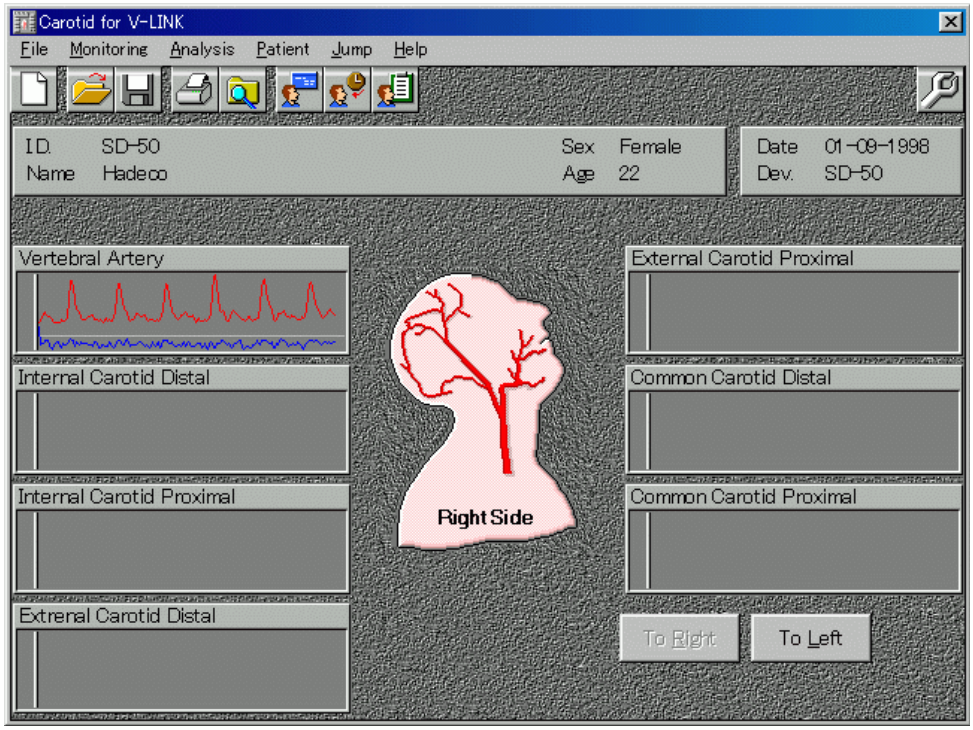
3. Data storage for future reference

4. Standardized testing modules for easy operation and documentation

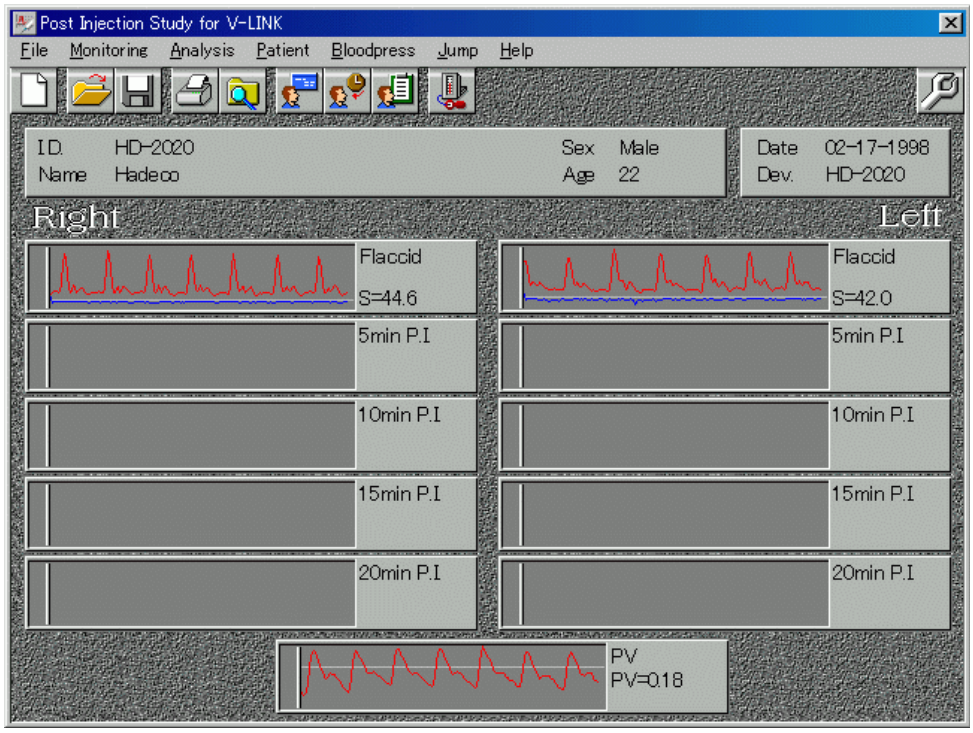
a) Lower Extremity Module



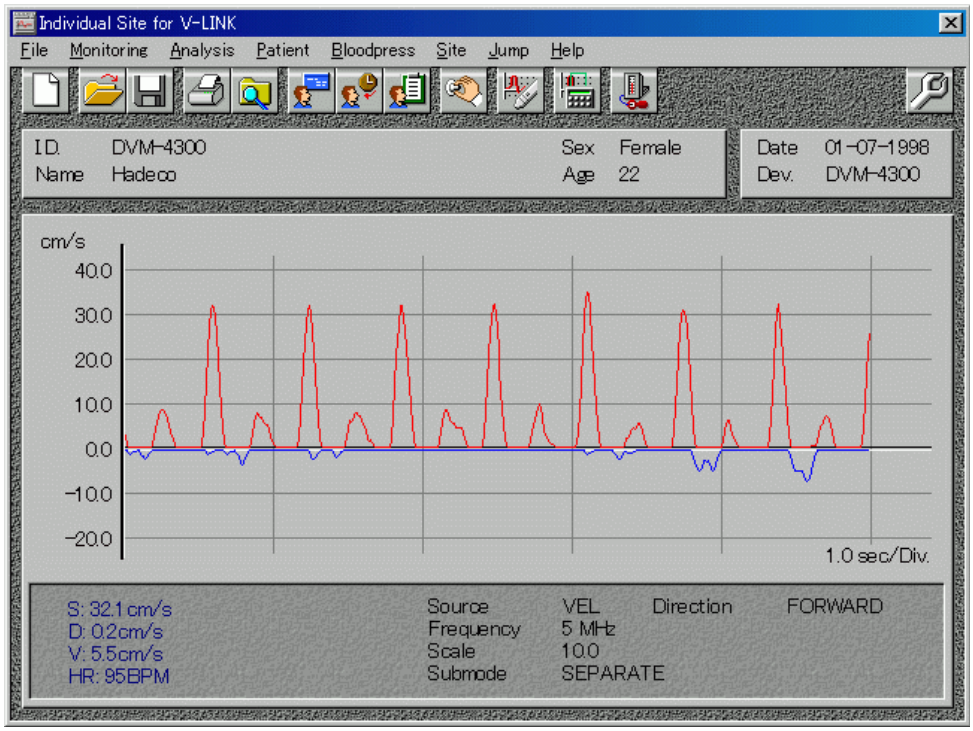
b) Carotid Module



c) Post Injection Study Module

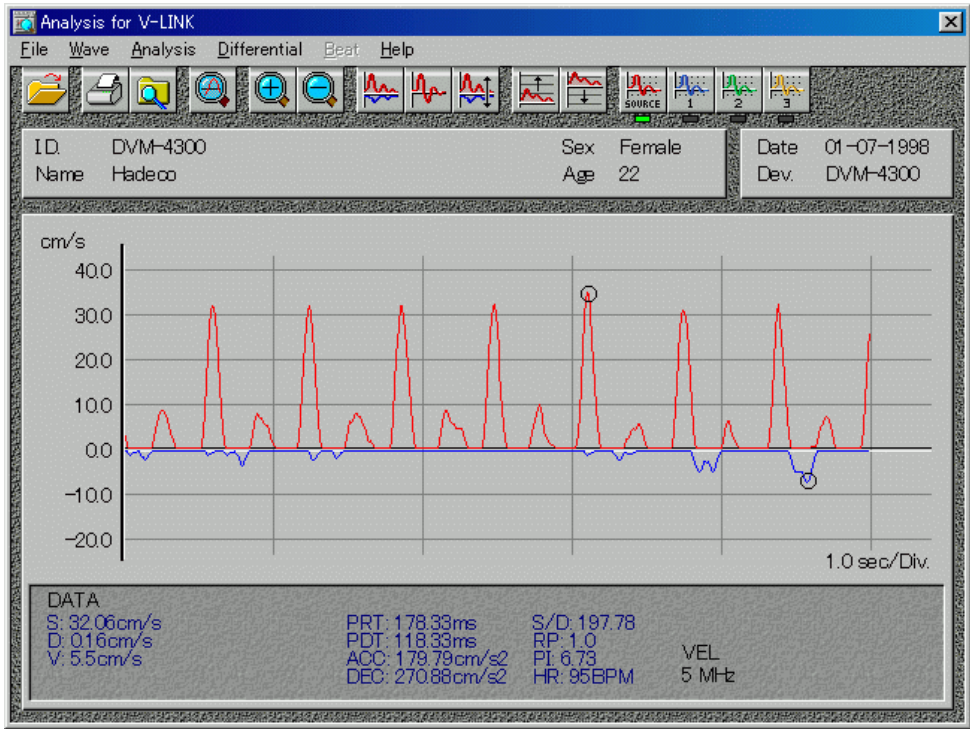


d) Individual Site Module, for general use



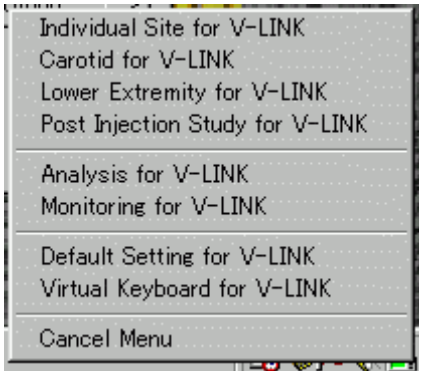
5. Useful utility modules

a) Analysis Module



b) Virtual Keyboard, mouse operated

c) Launch Pad for V-LINK



Required system

Computer	Windows(R)95/98, English version, operated and CPU 486/100MHz or greater
OS	Windows(R)95/98, English version
RAM	8MB or more
HDD	4MB or more
Sound board	For WAVE files
Display	VGA, 640x480 dots, 256 colors or more
Applicable Doppler	Hadeco Doppler with RS-232 unit: DVM-4300, DVM-4300T, Smartdop 20EX, 50/50-F/50-FG, 50EX/50EXF, HD-2020 as of May, 1999
Interface	RS-232 cable supplied with RS232 unit, straight type