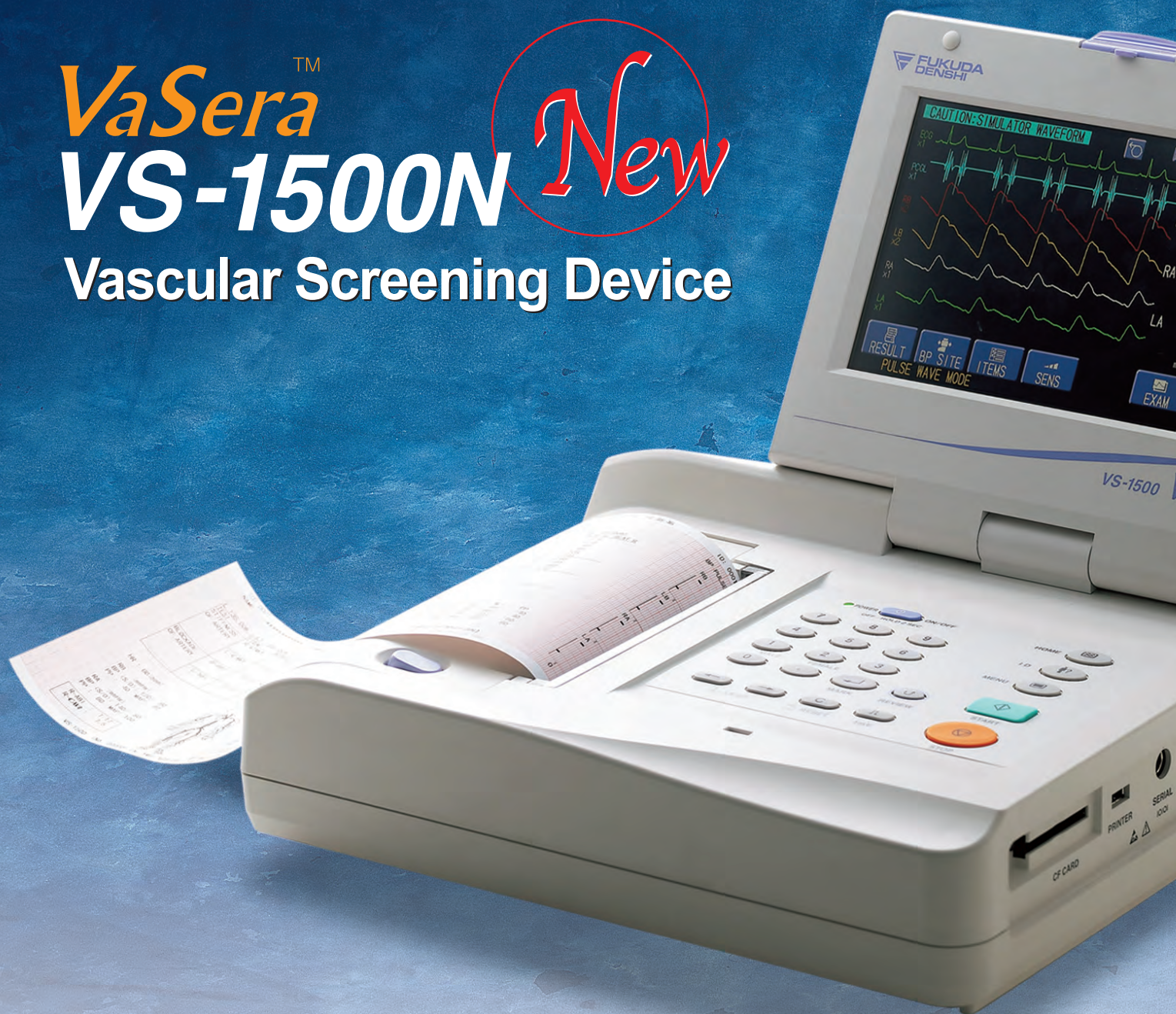


VaSeraTM **VS-1500N** *New* Vascular Screening Device



Advanced function

- Colour display
- Cardio Ankle Vascular Index (CAVI) and detailed value
- Knee-Cardio Ankle Vascular Index (kCAVI)
- Ankle Brachial Index (ABI)
- Toe Brachial Index (TBI)
- Various recording forms: Built-in recorder, external printer, PC via LAN
- Data filing: CF card and PC (VSS-10 software)
- Extend measurement from Vascular to 12 leads ECG (VSC-150)

VS-1500N Specification

Display colour	LCD display 640 × 480 dots	
Recorder	Recording method	Thermal print head 8 dots/mm
	Paper speed	5, 10, 12.5, 25, 50mm/s ±3%
ECG	Leads	BP/Pulse wave test: Lead I ECG test: Standard 12-lead ECG (option)
	Standard sensitivity	10 mm/mV
	Sensitivity changes	1/4, 1/2, 1, 2, auto
	Differential and common-mode offset voltage (electrode-skin voltage)	± 550 mV or more
	Sine wave characteristics	0.05 ~ 150Hz within -3dB
	Low frequency characteristics (time constant)	3.2s or more
	CMRR	103dB or more
	Input impedance	50MΩ or more
	Internal noise	RTI, 30μVp-p max.
	Filters	AC: 50 / 60Hz (-20dB max)
		Muscle: 25 / 35Hz -3dB (-6dB/oct) Drift: 0.25Hz/0.5Hz within -3dB
		High frequency characteristics: 75 / 100 / 150Hz
	PCG	Frequency response
Frequency response		0.08 ~ 20Hz within -3dB
Sphygmograph NIBP	Measuring range	0 ~ 300mmHg
	Scale interval	1 mmHg
	Pressure accuracy	±3mmHg
	Pressure detection	Semiconductor pressure sensor
	Zero balancing	Automatic balancing
	Measuring method	Oscillometric
	NIBP measuring range	20 ~ 280mmHg
	Inflation method	Automatic inflation by pump
	Deflating method	Automatic by electromagnetic valve
	Safety device	Over 330mmHg 10mmHg for longer than 130sec
CF card slot	Compact flash card Type I/II	
Serial connector	RS-232C compatible	
LAN connector	IEEE 802.3, 10BASE-T	
Printer connector	USB (Fukuda optional printer)	
Safety standard	IEC 60601-1: 1988	
Electrical shock protection	Class I	Type CF
	NIBP, ECG input, PCG input, Sphygmograph input	
Operating environments	Temperature 10 ~ 40 °C	
	Humidity 25 ~ 95% (no condensation)	
Storage environment	Temperature -10 ~ +60 °C Humidity 10 ~ 95% (no condensation)	
Power supply	100 ~ 240V AC 50/60Hz, 120 VA	
Dimensions	LCD closed: 340(W) × 342(D) × 109(H)mm	
	LCD open: 340(W) × 342(D) × 314(H)mm	
Weight	Approx. 8.0kg	

•Recommended Peripheral Option

Ethernet Hub	Conforming with UL1950/CentreCom FS708XL
Inkjet Colour Printer	VSP-15

Standard Accessory Package: AB-200CN

Power cord (3m)	CS-18
NIBP cuffs (Right Brachial)	CUF-129MR
NIBP cuffs (Left Brachial)	CUF-129ML
NIBP cuffs (Right Ankle)	CUF-138MR
NIBP cuffs (Left Ankle)	CUF-138ML
Air hose (2.5m)(Lower limbs)	OA-500A
Air hose (2.5m)(Upper limbs)	OA-500B
Lead cable	CPV-01BKPU
Limb electrode	TEE-45RG
Keratin cream	OJ-02
Chart paper (145mm × 30m, roll paper)	OP-358TE
Instrument cover	
Compact flash card (128MB)	FCF-128
Limb cushion	OA-461

Options

PCG Microphone	MA-300HDS(V)
Potential equalization cable	CE-12 (5m)
Amorphous pulse wave sensor set	TY-501A
Amorphous cap	OA-256 (Amorphous caps 20 pieces per pack)
Keratin cream	OJ-01
Trolley	OTV-01
Cord hanger	OA-300A
Hose hanger kit	OA-130 (Purchase the hose hanger kit with the cord hanger)
Compact flash card	FCF-128 (128 MB)
Roll paper	OP-358TE
Z-fold paper	OP-383TE
Dual-side adhesive tape	DA-30 (For PCG microphone, 150 pieces/pack)
12 leads ECG Option	VSC-150
ECG Accessories Package	ASE-02E (For Europe)
ECG Accessories Package	ASE-02G (For General)
Cuff cover (for upper limb)	OA-1129M
Cuff cover (for lower limb)	OA-1130M
Toe blood pressure kit	ASV-2 (Toe cuffs, air hoses and extension hoses)
Toe cover (M)	OA-459M (50 pieces per box)
Toe cuffs	CUF-139M2 (4 pcs. color: Blue, size: M)
Toe cuffs	CUF-139S2 (2 pcs. color: Brown, size: S)
Air hose (2.5 m)	OA-400C / 1
Extension hose	OA-400D (1 set)
Pulse wave sensor with air bag	TY-100
	TY-101
Air bag for pulse wave sensor	TR-13M
Belt for pulse wave sensor	OB-32, OB-33
NIBP cuffs (for right brachial, S)	CUF-129SR / 1
NIBP cuffs (for left brachial, S)	CUF-129SL / 1
NIBP cuffs (for right brachial, L)	CUF-129LR / 1
NIBP cuffs (for left brachial, L)	CUF-129LL / 1
NIBP cuffs (for right ankle, L)	CUF-138LR / 1
NIBP cuffs (for left ankle, L)	CUF-138LL / 1
Cuff holder	OAV-01A
Limb cushion cover	OA-463
Pulse wave test data Management software	VSS-10
Inkjet printer paper	OP210-01VV / 1 (100 sheets)
Printer stand	OAV-03A
ECG filing software	EFS-200

FUKUDA DENSHI reserves the right to change specifications without notice.

