



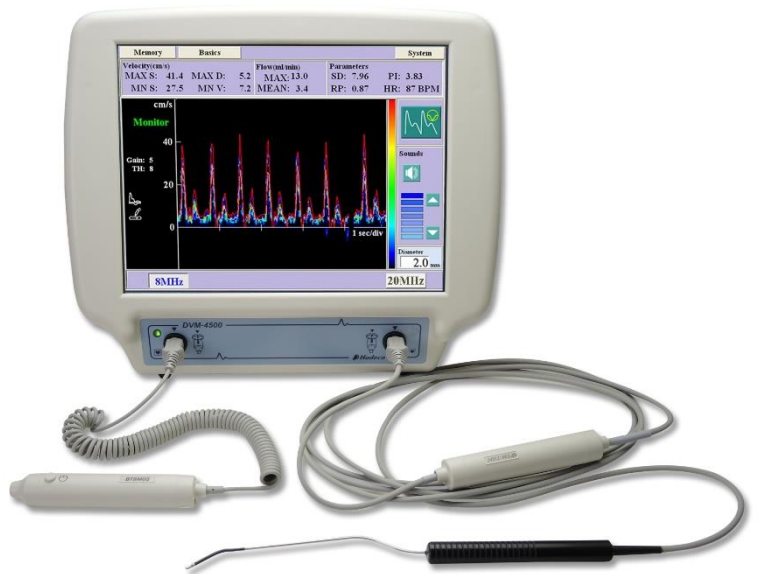
*Excellence in Human Service
and Technology*

DVM-4500

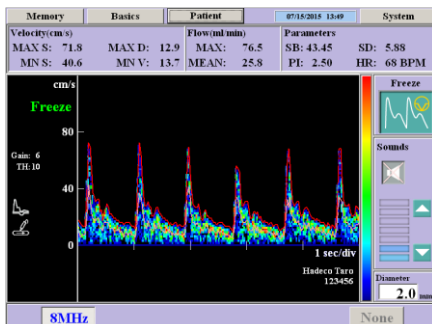
BI-DIRECTIONAL DOPPLER VOLUME FLOW METER

FEATURES

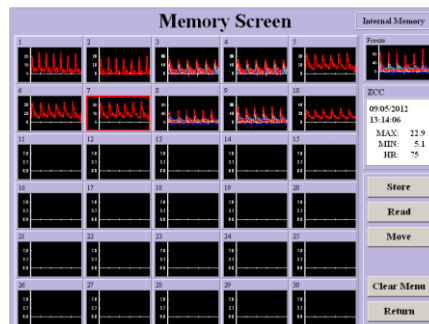
- Bi-directional Doppler with 10-inch large color touchscreen
- Simple design & operation with great Doppler sounds
- Multi-probe selection of 4, 5, 8, 10 & 20 MHz
- Exporting to PDF & DICOM® files for USB flash memory
- Internal 30 waveform memories
- USB computer interface for optional Smart-V-Link for Windows
- All standard numerical parameters
- PPG probe option for toe pressures



SCREEN IMAGES



Main Screen

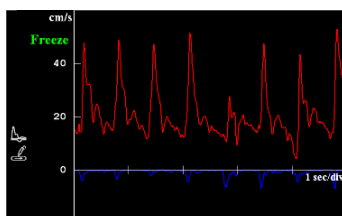


Memory Screen

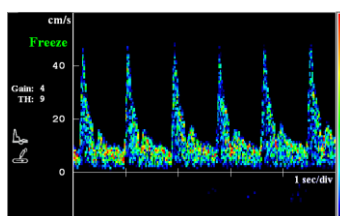


Patient Information Screen

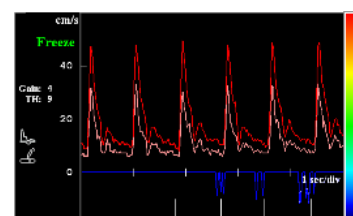
WAVEFORM SAMPLES



ZCC Waveform



FFT Spectrum Waveform



FFT Envelopes Waveform

BI-DIRECTIONAL DOPPLER VOLUME FLOW METER

DVM-4500

CLINICAL APPLICATIONS

- Detection of arterial & venous blood flow velocity for vascular disease
- Peak and Mean blood velocity determinations

STANDARD ACCESSORIES

- Ultrasonic gel 1
- AC adaptor 1
- Power cable 1
- Operation manual 1
- Standard probe 2 (in case of standard set)

OPTIONAL ACCESSORY

- Windows Software (Smart-V-Link) with USB cable

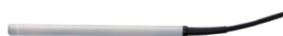
PROBE SELECTIONS, STANDARD TYPE

Standard probes:



BT4M05S8C (*Curl cable*)*
BT4M05S8A (*Straight cable*)*
BT5M05S8C
BT5M05S8A
BT8M05S8C
BT8M05S8A

* The end word "C" indicates curl type cable, "A" indicates straight type cable.



BP8M05S8A



BF8M15S8A

PROBE SELECTIONS, STERILIZABLE TYPE

Sterilizable probes:

Flexible:



NP10M2S8AF
NP20M12S8AF

Bayonet:



NP20M1S8A

Middle length Flexible:



NP10 M2SF11
NP20M12SF11

Middle length Bayonet:

NP10M2S11
NP20M12S11

Tucking:



TK10M3S8AF
TK10M4S8AF
TK10M5S8AF

Small Pencil:

VRP-08*2

Long:

LRP-08*2

Flat:

FDP-08*2

Pencil Autoclavable:

ACP-08*2

*2: Amplifier is required.

PROBE SELECTIONS, OTHERS

Amplifier:

BDP08MS8

Do not sterilize amplifier probe.

PPG probe:

PG-21

SPECIFICATIONS

Power supply:	100-240V AC, 50/60Hz	Velocity range (FFT):	4MHz	5MHz	8MHz	10MHz	20MHz
Power consumption:	18 VA (DC15V, 1.2A)		6-240	5-200	3-120	2.5-100	1.5-50 cm/s
Speaker:	2.4 W (1.2W + 1.2W)	Dimensions:	300 (W) x 167 (D) x 244(H) mm				
Display:	10.4 inch TFT Color Touchscreen 800 x 600 dots	Weight:	3.1kg (Including AC adaptor)				
Multi frequency:	4, 5, 8, 10 & 20MHz	Electrical safety:	Conforms to IEC60601-1 (Class II, type CF)				
Waveform mode:	ZCC	Outputs:	USB flash memory Optional Software (Smart-V-Link)				
	FFT (Spectrum/ Envelope)	Vessel Diameter:	0.1 to 20 mm				

*Specifications subject to change.



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