



Highly Accurate Vista AVS and ABI Systems Offer Ease of Use

Performs up to Four Exams for Optimum Versatility

Vista Series Dopplers offer more modalities for quickly obtaining the Ankle Brachial Index (ABI) and aiding in the detection of Peripheral Arterial Disease (P.A.D.). The Vista AVS system performs segmental exams, to help locate blockages or narrowing in the vessels after initial single-level ABI testing.

The Vista systems feature:

- Fast, automatic cuff inflation/deflation and highly accurate ABI calculations
- Graphic waveform display with easy to follow test sequences
- Sensitive bi-directional 8 MHz Doppler probe for surface vessels or optional 5 MHz probe for deeper vessels (Bi-directional probes are capable of obtaining waveforms)
- Obtains dual-ankle pressures at Posterior Tibial (PT) and Dorsalis Pedis (DP) arteries
- Pulse volume recording (PVR) can be used to obtain peripheral arterial waveforms with blood pressure cuffs
- PPG probe standard for performing TBI exams on patients with non-compressible arteries as well as at the toe site for segmental studies
- Software for reporting, annotating, storage, printing, and interfacing with EMR (optional feature on the Vista ABI)

Vista ABI System: Performs single-level ABI exams with the option to add PPG probe for TBI and comes with 4 blood pressure cuffs ((2) 10 cm and (2) 12 cm).

Vista AVS System: Next-level system performs a total of four exam types, including single-level ABI, seated ABI, TBI, and Segmental exams and comes with 9 blood pressure cuffs ((2) 10 cm, (4) 12 cm, (2) 17 cm, and (1) digital cuff).



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ITEM #	DESCRIPTION
L500VA	A Full-featured ABI/Vascular System ^Δ
L450VA	Vista ABI System ^Δ
L450PG	PPG Package
L450SF	PC Download Software
SD5V	5 MHz Bi-directional Probe
SD8V	8 MHz Bi-directional Probe
K280	Case for Vista AVS/ABI, Vantage ABI
K290	Cuff Selector
K180	Adhesive Backed Label Paper (5 Rolls)
K185	Label Paper (5 Rolls)

^Δ Available for Sale Where CE Mark is Required

Display Screen

Size	5.7 in., ¼ VGA (320 x 240 dot)
Backlight	LED backlight
Type	Transflective monochrome

Device Dimensions

Width	12 in.
Depth	3.6 in.
Height	10 in.
Weight	4.75 lbs
Stand Height	47 in.

Electrical Power

Type	Medical grade supply
Rated Mains Supply Voltage	100–240 VAC, 50–60 Hz, 1.2A
Output	+7V, 5A

Battery

Type	6-cell NiMH pack
Rating	7.2V, 2000 mAh
Replacement Part Number	BAT0004
Battery Life	Three hours continuous use or minimum of 12 ABI Exams
Replacement Interval	1 year
Charge Time	3 hours

Doppler

Doppler Type	Bi-directional, Continuous-wave (CW)
Audio Bandwidth	>4 KHz
Waveform Display	Digital mean frequency estimator; separate forward and reverse flow waveforms
Available Probe Frequencies	8.43 MHz, 5.5 MHz
Displayed Waveform Amplitude Accuracy	+/-10%
Speaker Output	> 0.25 W
Speaker Type	2 in., 5 W
Cable Length	6.5 ft
Volume Control	Continuously variable with mute

Photoplethysmography (PPG) (Optional on Vista ABI)

Wavelength	940 nm
Artifact Rejection	Synchronous demodulation, AC-coupled output
Operating Frequency	1 KHz
Cable Length	6.5 ft.

Pressure

Range	0 – 265 mmHg
Accuracy	+/-3 mmHg 0 – 200 mmHg, +/-2% above 200mmHg
Bleed Rate	2.5 mmHg/sec nominal
PVR	0.16 to 12.5 Hz bandwidth, AC-coupled

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Wallach Surgical offers industry-leading medical systems and instruments, including colposcopes, cryosurgical and electrosurgical units, digital and Doppler imaging devices, and a broad range of instruments and disposables that keep practices and hospitals running safely and smoothly.

Physicians have relied on our diverse product portfolio for more than 30 years. Moving forward, we are committed to expanding into new technologies, including our acquisition of Summit Doppler and our ongoing research and development efforts.

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