

SummitDoppler
Listening to Life™



Life Doppler

A Complete
Family of
Dopplers
for Vascular Applications

Summit Doppler *Listening to Life*TM

Summit Doppler Systems presents the LifeDopTM family of Dopplers, offering great sensitivity, high fidelity sound and the latest technology. These are the best Doppler systems we've ever designed...and we've been designing Dopplers for over thirty years.

Performance • Reliability • Service

Summit offers a full family of Dopplers with the sensitivity and performance that you depend on. We back all of our products with the highest standard of support and service.



L350 Series The Pinnacle table-top Doppler offers superior quality audio output with dual speakers, heart-rate display, rechargeable batteries and security features designed to prevent theft. It accepts all LifeDop non-directional probes.



L250 Series Full-featured hand-held Dopplers with large display for indication of heart-rate and battery status. Rechargeable batteries and audio recording are available on specific models. They accept all LifeDop non-directional probes. The L250ABI accepts bi-directional probes.



L150 Series Non-Display hand-held Dopplers with superior sound quality accept the full line of non-directional LifeDop probes. Rechargeable batteries and audio recording options are available on specific models.

If your Doppler ever needs service, we guarantee 1 to 3 day turn-around with minimal charge on all non-warranty repairs.



Life

Superior Vascular Diagnostic Products with Service Beyond Belief

LifeDop Probes – Sensitive • Durable • Interchangeable

All LifeDop Vascular and Obstetrical probes have built-in electronics that provide excellent sensitivity, complete interchangeability, and maximum durability. Choose the best probe for your application with the freedom to add additional probes in the future, all on the same unit. Our probes are built to last and the cables are user replaceable.

Non-Directional

- 8 MHz** This probe uses a narrow beam for optimum sensitivity on superficial vessels. It is our best vascular probe for all-around use.
- 5 MHz** This probe uses a medium beam with great penetration for deeper vessels. It is often used on larger patients.
- 4 MHz** This probe uses a wide-angle beam and is optimized for quick location of flow. It is placed flat against the skin; the wide beam makes it easy to stay on the vessel, even when blood flow is occluded by a cuff.

Bi-Directional

- 8 MHz** This probe uses a narrow beam for optimum sensitivity - available only with bi-directional systems.
- 5 MHz** This probe uses a medium beam with deeper penetration - available only with bi-directional systems.



Solutions for the Diagnosis of Peripheral Arterial Disease (P.A.D.)

Summit Doppler offers fast, economical solutions for obtaining the Ankle Brachial Index (ABI) for the diagnosis of P.A.D. that meet reimbursement criteria.

LifeDop 250 ABI System

- Fast, waveform printout on adhesive-backed, label paper for easy placement on reimbursement report forms
- Affordable, ultra-portable Doppler and printer with cable and recharger
- Display shows blood flow direction and relative frequency of the signal
- Automatic scaling and calibration
- Sensitive, bi-directional probe and hand-held Doppler



Vista AVS (Advanced Vascular System)

ABI and other arterial exams are now FASTER and EASIER to conduct, interpret and document!

- 3 modalities: PVR, bi-directional Doppler probe and arterial PPG
- Automatic cuff inflation/deflation, ABI and TBI calculation with battery or line-powered operation
- USB interface to PC (download capability) and software with full page reporting and report storage
- Graphic waveform display with step-by-step ABI instructions
- Designed to accommodate standard ABI and custom protocols





Main Units Probe Choices: Vascular: 4, 5, 8 & Bi-directional 5, 8 – Obstetrical: 2, 3, 2 Waterproof & EchoHeart

Model	Description						
	Interchangeable Probes	Rechargeable Batteries	LCD Display	Printer	PPG/PVR	Auto-mated Cuff Control	Optional PC Software*
L500VA Vista AVS Full-Featured ABI System	✓	✓	✓	✓	✓	✓	✓
L250AC Portable ABI System with Printer	✓		✓	✓			
L350R Table-Top Display with Recharger & Dual Speakers	✓	✓	✓				
L250AR Display Doppler w/Recharger & Audio Recorder	✓	✓	✓				
L250R Display Doppler with Recharger	✓	✓	✓				
L250 Display Doppler	✓		✓				
L150A Non-Display Doppler w/Audio Recorder	✓						
L150R Non-Display Doppler with Recharger	✓	✓					
L150 Non-Display Doppler	✓						

* AVS Report Software (Model # L510V1) is an optional feature for the Vista AVS that allows a clinician to download exam results, annotate patient data, add interpretation/comments, store patient data and print a patient exam report.

We offer a complete range of pressure cuffs to meet your vascular exam requirements.

Probes

LifeDops have interchangeable probe capabilities so you can choose the best probe or probes for your needs.

Model	Description
	Frequency of Operation and Intended Use
SD8B**	8 MHz – Bi-Directional Vascular Probe – Narrow sensitive beam – for bi-directional systems only
SD5B**	5 MHz – Bi-Directional Vascular Probe – Medium width beam for deep vessels – for bi-directional systems only
SD8	8 MHz – Vascular Probe – Narrow sensitive beam for sensitivity and vessel location
SD5	5 MHz – Vascular Probe – Medium width beam for deep vessels
SD4	4 MHz – Vascular Probe – Optimized for easy location of flow with broad flat beam
SD3	3 MHz – Obstetrical Probe – For early fetal heart beat detection & overall use
SD2	2 MHz – Obstetrical Probe – Optimized for deep penetration
SDW	2 MHz – Obstetrical Waterproof Probe – Optimized for deep penetration
SDE	5 MHz – EchoHeart Transvaginal Obstetrical Probe – Earliest Fetal Heart Detection

** Bi-directional probes are used and interchangeable only with the L250ABI System and Vista AVS. Non-directional probes are used and interchangeable only with the L150 Series, L250 Series and L350 Series Dopplers.

Summit Doppler: Our Commitment to You

At Summit Doppler Systems, we are committed to using our extensive knowledge and decades of experience in Doppler ultrasound technology to provide our customers with superior diagnostic products and comprehensive service. Customer satisfaction is our highest priority and we stand behind all of our products with prompt shipment and a one-year full warranty. With continuous research and development, we strive to provide new technologies to better serve the needs of health care providers as well as their patients.

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