

Summit Doppler™

Vantage ABI™ – Simple One-touch ABI Screening in Just 3 Minutes

Higher Throughput ABI Assessment for Your Practice

The Vantage ABI conducts fast ABI screenings in minutes to assist with the early detection of peripheral arterial disease (PAD). The Vantage ABI completes a single level exam using Digital Fourier Oscillometry (DFO). Summit Doppler worked with researchers from the Cleveland Clinic to create a clinically validated unique DFO Algorithm*.

System features include:

- Speedy throughput with large display and intuitive touchscreen navigation
- Convenient USB drive for data storage, transfer, and EMR interface
- Blood pressure cuffs for obtaining pressures and ankle waveforms

VANABI – Package 1: One-touch, three-minute ABI exams with USB data storage and cuffs included.

VANMAX – Package 2: One-touch, three-minute ABI exams with USB data storage and 4 cuffs, plus built-in printer, basket, and durable stand.

* Patent: WO2012040428A2

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Summit Doppler Vantage ABI Specifications

- Main Unit Dimensions: 6.4 in. x 11 in. x 7.3 in.
(16.25 cm x 27.9 cm x 18.5 cm)
- Main Unit Weight: 4.6 lbs (2.1 Kg)
- Mounting: Self-supported (rubber feet) or stand mounted (optional)
- Portability: Built-in carry handle
- Cuff Pressure Range: 0 to 280 mmHg
- Pressure Gauge Accuracy: ± 3 mmHg 0–200 mmHg,
 $\pm 2\%$ >200 mmHg
- Deflation Rate: 2.5 mmHg/second nominal
- Inflation Pressure: 180 mmHg (default), 280 mmHg
(user selected)
- Deflation Pressure: 60 mmHg (default), 35 mmHg
(user selected)
- Pulse Rate Range: 43 to 120 BPM
- ABI Determination Time: 3 minutes
- Determination: Pulse Volume Oscillometry
- Waveform Type: Pneumatic plethysmography
(Pulse Volume Recording PVR)
- Patient Connections: 4 vascular cuffs, 6 ft. hose length (ea.)
- Clinical Sensitivity: >90%
- Clinical Specificity: >92%
- Standards: IEC60601-1, IEC60601-1-2 EMC
- Classification: Class A
- Hose/Cable Length: 6 ft.



| Item Number | Description |
|-------------|---|
| VANABI | Vantage ABI – Package 1 |
| VANMAX | Vantage ABI with Stand – Package 2 |
| C101 | Cuff and Hose Assembly - 10cm - Ankle Left |
| C102 | Cuff and Hose Assembly - 10cm - Ankle Right |
| C121 | Cuff and Hose Assembly - 12cm - Arm Left |
| C122 | Cuff and Hose Assembly - 12cm - Arm Right |
| K180 | Adhesive Backed Label Paper (5 Rolls) |
| K185 | Label Paper (5 Rolls) |

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