

# Summit Doppler™

## LifeDop® ABI Systems – Fast, Easy PAD Diagnosis is in Your Hands

### Accurate, Portable Bi-directional Dopplers

The LifeDop® ABI systems are an efficient, economical, and portable solution for performing ABI exams. These easy-to-use LifeDop systems are also highly accurate, quickly obtaining the ankle-brachial index (ABI) to assist with detection of peripheral arterial disease (PAD). Both the LifeDop 250 and the LifeDop 300 offer automatic waveform scaling and printing. Exam may meet CPT requirements as defined in the AMA CPT manual.\*

LifeDop 250 and LifeDop 300 handheld Doppler systems feature a highly sensitive 8 MHz bi-directional vascular probe, proven effective for locating surface vessels with ease. It also allows the system to obtain pressures at two ankle sites, the dorsalis pedis (DP) and posterior tibial (PT) as well as locate and store arterial waveforms. Additional features include:

- Clear display that shows blood flow direction and relative signal frequency
- Fast waveform printouts for both ankles on adhesive-backed paper for attaching to assessment forms
- Complete ABI system that includes Doppler probe, printer, cuffs, carrying case, aneroid, and ABI reference materials

**LifeDop 250 ABI System:** Measures systolic pressures to easily calculate ABI, with large displays for heart rate and battery status.

**LifeDop 300 ABI System:** Featuring a convenient keypad for entering pressure data, it performs automatic ABI calculations.



Cuffs & Aneroid

# Summit Doppler™

## Specifications

### LifeDop ABI System

- Dimensions: 147 mm x 70 mm x 35 mm
- Weight: 320 grams
- Operating Temperature: 10° to 30°C
- Operating Humidity: 30 to 75%
- Transport/Storage Temperature: -20° to 50°C
- Transport/Storage Humidity: 5 to 90%, non-condensing for both units (beyond 30 days, battery to be stored between -20° and 30°C)
- Battery Life: Forty, 12-minute exams
- Battery Type: AA Alkaline 1.5V x 3: lithium ion 3.7V
- Audio Bandwidth and Power: 245 Hz – 4 KHz, 0.33W

### Printer

- Dimensions: 136 mm x 84 mm x 43 mm
- Weight: 280 grams
- Operating Temperature: 0° to 30°C
- Operating Humidity: 20 to 85%
- Transport/Storage Temperature: -20° to 60°C
- Battery Life: Up to 500 prints
- Printer Paper Type/Size (Max): Thermal, 58 mm wide, 33 mm diameter
- Printer Speed: 35 mm/sec, 8 seconds for standard printout
- Printer Resolution: 48 mm wide, 8 dots/mm, 384 dots/line
- Printer Impact Resistance: 1.5 meter on linoleum floor
- Printer Communication: RS232, 115.2K, 8/1, no parity
- Printer Recharger: Input – 100-120VAC, 29VA, 50/60Hz, Output – 5VDC, 2.3A, center positive
- Waveform Frequency Scale: Auto-scaled to 4 KHz, 2 KHz and 1 KHz
- Waveform Time Scale: 25 mm/sec, 100 mm with 4 seconds of data
- Printout Length: 38 mm total with header



LifeDop® 300 ABI System



LifeDop® 250 ABI System

Item Number	Description	
L300AC	LifeDop 300 ABI System with 4 cuffs, Aneroid and Printer	CE
L250AC	LifeDop 250 ABI System with 4 cuffs, Aneroid and Printer	CE
L250AB	LifeDop 250 ABI System with 2 cuffs, Aneroid and Printer	CE
SD5B	5 MHz Bi-directional Probe	
SD8B	8 MHz Bi-directional Probe	
K180	Adhesive Backed Label Paper (5 Rolls)	
K185	Label Paper (5 Rolls)	

CE Available for Sale Where CE Mark is Required

\* Source: Current Procedural Terminology (CPT) is copyright 2017 American Medical Association. All rights reserved. No fee schedules, basic units, relative values, or related listings are included in CPT. The AMA assumes no liability for the data contained herein. Applicable FARS/IDFARS restrictions apply to government use.

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