

dopplex[®] ABILITY

Automatic Ankle Brachial Index System

HUNTLEIGH



Revolutionising Ankle Brachial Pressure Index Measurements

Huntleigh Healthcare's Dopplex hand held Doppler range has been globally recognised as the product of choice for Ankle Brachial Index (ABI) measurements over the past 25 years. Our unrivalled knowledge in this field has enabled us to identify the difficulties facing clinicians in calculating ABIs and the time pressures facing them, whilst also working to improve patient throughput, outcomes and comfort.

Now with the Dopplex Ability Automatic ABI system, Ankle Brachial Index has never been simpler or quicker. Its portability enables measurements to be made more efficiently in the primary care clinic, hospital or patient's home. This can lead to the prioritisation of clinical services by improving clinical pathways.

ABIs are calculated easily and accurately in 3 minutes without the need to rest the patient. Results are automatically calculated, interpreted and displayed with Pulse Volume waveforms on the LCD panel. The test results can be printed on either thermal paper or adhesive backed label paper via the integral printer.

Easy as...



Ankle
Brachial
Calculator

Simple as...

1

Button Press to Undertake Test

Simple operation and minimal training



2

Arms and Legs Simultaneously

Quadrilateral measurements, reduces assessment time



3

Minutes to complete the test

No patient rest time required with fast results



10 reasons why you should have the **ABILITY**

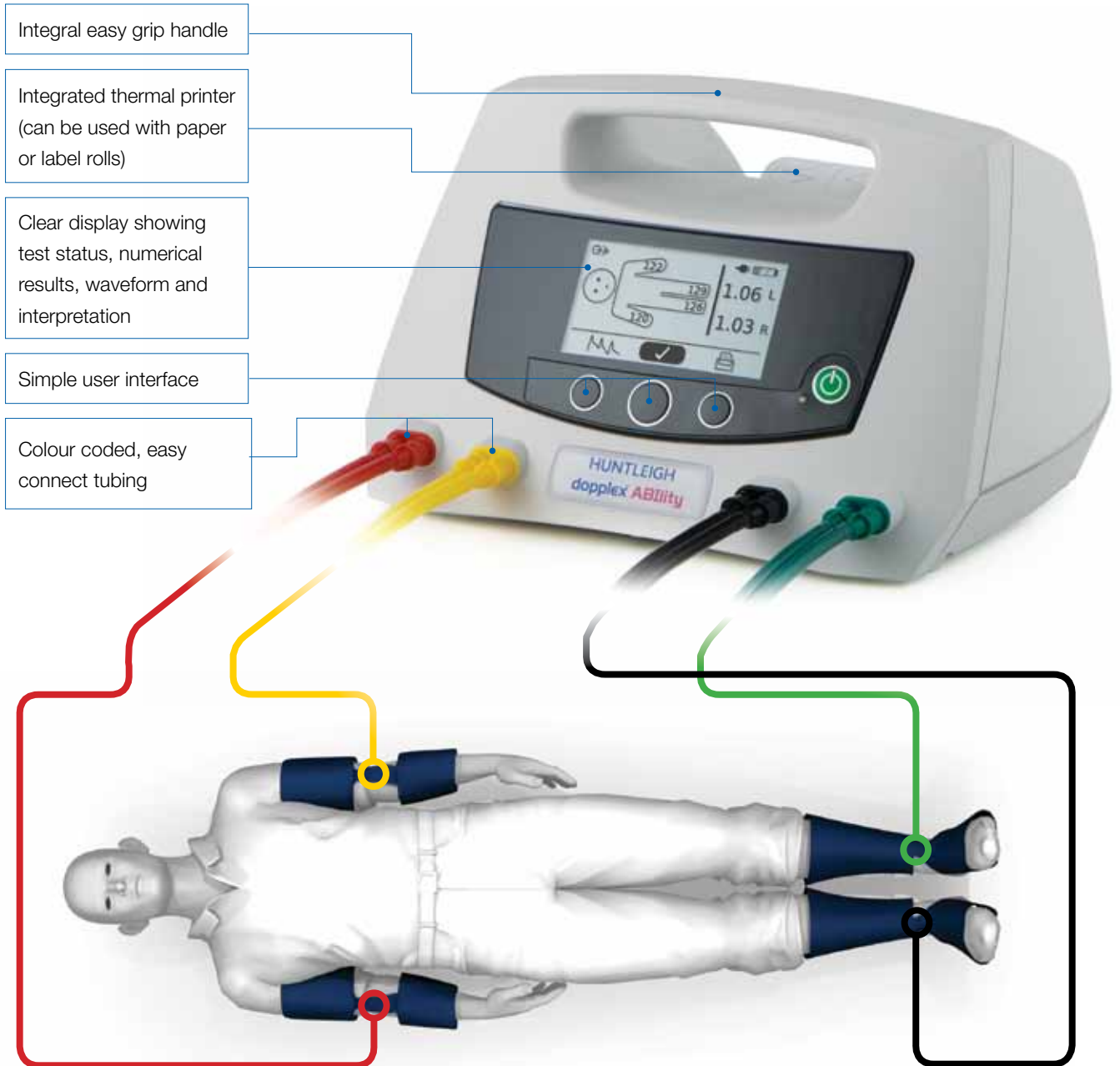
1. Extremely easy to use and fully automatic
Minimal training required
2. No need to rest patient for 15 mins
Reduces total test time
3. Rapid bi-lateral ABI measurement in 3 mins
Doppler based ABI typically takes 30 mins
Simultaneous measurements reduces time
4. ABI can now be undertaken by healthcare support staff
Makes the measurement more cost effective
5. No need to remove patient's socks or tights
Maintains patient comfort and dignity
6. Easy to apply 4 cuff system
Improves patient experience
7. Portable and powered by mains or rechargeable battery
For home or clinical environments
8. Integral printer for documentation of results and waveforms
Instant hard copy for patient notes and reimbursement
9. Automatic interpretation of ABI
Reduces operator error
10. Accurate reproducible results
Clinically proven by recent studies

Clinically Proven



Recent studies undertaken by Lewis et al (2010) have shown:

- Good agreement between unrested Dopplex Ability and rested Doppler measurements
- Dopplex Ability measurement takes significantly less time than Doppler
- The need to rest the patient is eliminated by the simultaneous cuff inflation of Dopplex Ability
- Dopplex Ability has the potential to be used as a screening tool for PAD in primary care settings
- Dopplex Ability improves the whole patient experience
- Minimal training is required due to its ease of use



Our patented two chamber cuffs use duo sense™ pneumatic technology to measure systolic pressures and is based on volume plethysmography and not oscillometric techniques. One chamber is used to occlude the vessel, while the second distal chamber is used to sense the returning signals allowing four limbs to be measured simultaneously.

Automatic, easy and fast

Specification

Product Order Code	DA100PB
Printer	Integral 58mm thermal
NiMH Battery	Integral
USB connector	mini
Warranty	1 year
Accessories	Supplied with one set of standard cuffs, two rolls of paper, pack of sleeves, mains cable and instructions for use
Safety Standards Compliance	Complies with UL60601-1, EN60601-1, EN60601-1-2: 93/42/EEC as amended by 2007/47/EC
Weight	3Kg
Dimensions	Height 160mm, Depth 240mm, Width 260mm

Printout

A complete printout of all results including systolic pressures, ABIs and Pulse Volume waveforms on either thermal paper or adhesive backed label paper is produced by the integral printer, recording time and date automatically.



PVR Waveforms

Doplex Ability also records the ankle pulse volume waveforms which can be used to aid the clinician's diagnosis especially in patients with medial calcification often found in the diabetic population.



Accessories and Consumables



FIXING PLATE -
Allows easy fixing of the unit to trolley, wall mount and couch bracket.



WALL MOUNT -
Multi-swivel wall mount with optional basket and tube management (requires fixing plate).



CARRY BAG -
Lightweight, durable case holds main unit, power cable, cuffs and tubing with additional space for extra cuffs and sleeves (designed to be used in bag).



TROLLEY -
5 castor adjustable height trolley with tube management and integral basket for storage. (requires fixing plate)



STANDARD SIZE CUFFS -
29-42cm arm and ankle cuffs.



SLEEVES -
Disposable sleeves to aid as infection control barrier between cuff and patient limbs.



PAPER -
Standard thermal paper or adhesive backed thermal label paper is available for printing results and waveforms.

HUNTLEIGH ...with people in mind

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