

# ARJOHUNTLEIGH

GETINGE GROUP

## DOPPLEX ABILITY

AUTOMATIC ABI SYSTEM



...with people in mind

# REVOLUTIONIZING ABI MEASUREMENTS



**DECREASE**  
YOUR ABI  
TIME BY UP TO **75%**  
WITH A PUSH OF A BUTTON<sup>1</sup>

**ABIs in 3 minutes without the need to rest the patient<sup>1</sup>**

## Automatic, Easy and Fast

ArjoHuntleigh's *Dopplex*<sup>®</sup> hand held Doppler range has been globally recognized as the product of choice for Ankle Brachial Index (ABI) measurements over the past 25 years.




Now with the *Dopplex Ability* automatic ABI system, Ankle Brachial Index has never been simpler or quicker. ABIs are calculated easily and accurately in 3 minutes without the need to rest the patient<sup>1</sup>. Results are automatically calculated, classified 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.

## Clinically Proven

Recent studies undertaken by Lewis, et al, have shown<sup>1</sup>:

- Good agreement between unrested *Dopplex Ability* and rested Doppler measurements
- Up to 75% less time for the *Dopplex Ability* measurement than a classical Doppler measurement
- The need to rest the patient is eliminated by the simultaneous cuff inflation of the *Dopplex Ability*

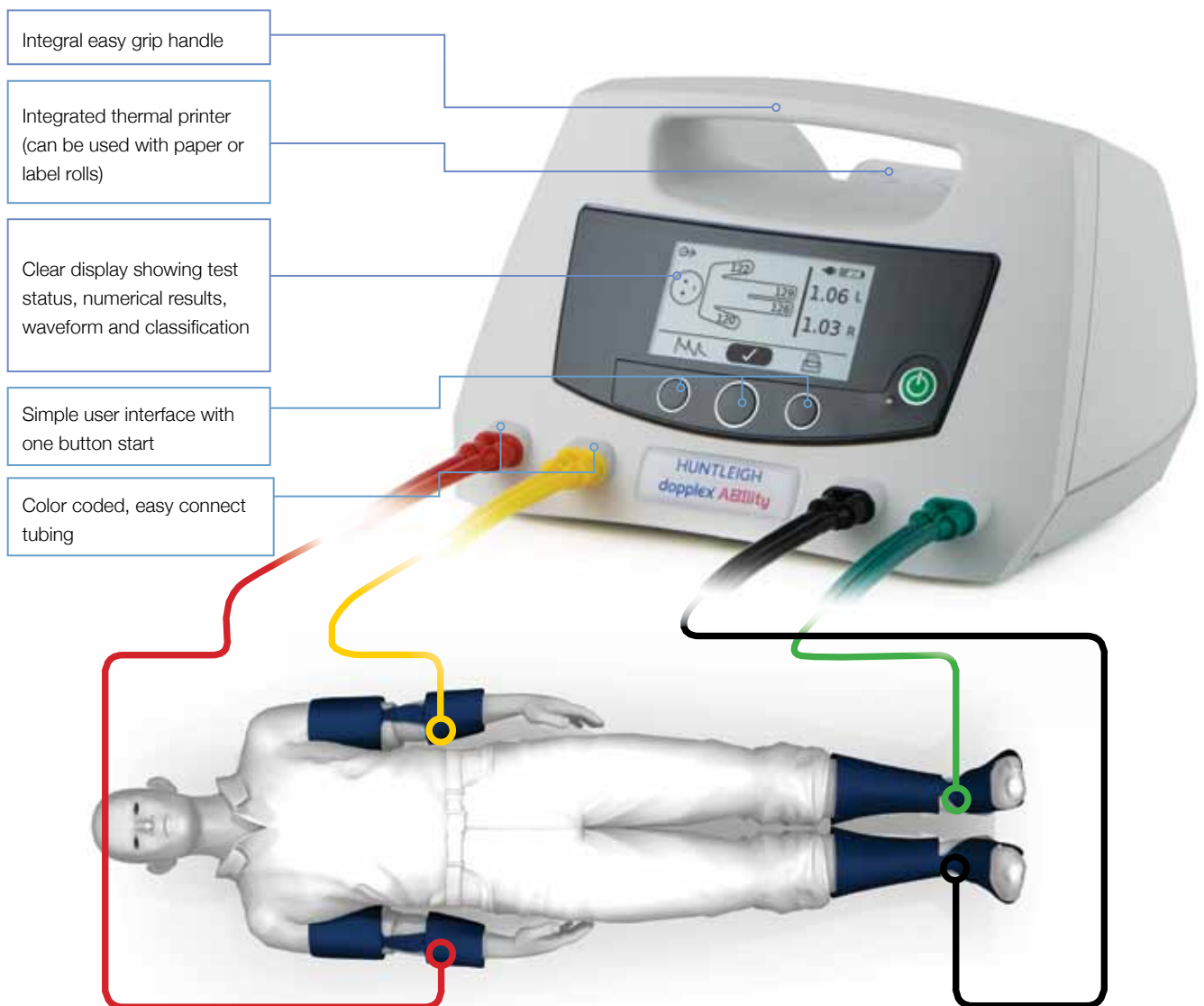
## Simple as...

- 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 

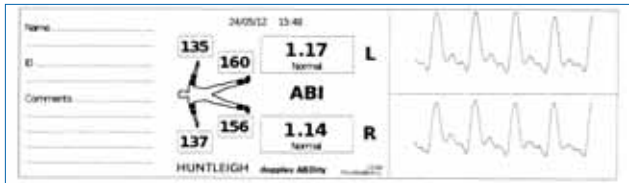
# SIMPLE DESIGN

Our unrivaled knowledge in this field has enabled us to identify a simple design to assist the clinician.

- **Minimize training** – one button push technology that is extremely easy to use
- **Improve the patient experience** – easy to apply 4 cuff system that fits over tights or thin socks
- **Streamline documentation** – instant hard copy provided for patient records or reimbursement



Our patented two chamber cuffs use duo sense™ pneumatic technology to measure systolic pressures and is based on volume plethysmography, 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.



**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**

*Dopplex 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.

Dopplex Ability Unit	Order Code DA100PB
Dopplex Ability, Fixing Plate & Trolley	Order Code DA100PAC
Printer	Integral 2¼" (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, training pack 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, ULCUL approval E178190-A65-CB-1
Weight	6½lb (3 kg)
Dimensions	Height 6¼" (160mm), Depth 9½" (240mm), Width 10¼" (260mm)

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1. Lewis et al. A comparison between a new automatic system and Doppler method for obtaining ankle brachial pressures. Journal of Foot and Ankle Research 2010, 3 (Suppl 1):O15.



**Fixing Plate**  
Allows easy fixing of the unit to trolley or wall mount.



**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 trolley with tube management and integral basket for storage. (requires fixing plate).



**Standard Size Cuffs**  
Arm: 8½ -14" (22-36 cm)  
Ankle: 7-11" (18-28 cm)

**Large Size Cuffs**  
Arm: 13-18" (34-46 cm)  
Ankle: 9½-14" (24-35 cm)



**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.

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## GETINGE GROUP

[www.Huntleigh-diagnostics.com](http://www.Huntleigh-diagnostics.com)

GETINGE GROUP is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, GETINGE and MAQUET. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.

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