DOPPLEX
VASCULAR DOPPLERS

HIGH SENSITIVITY PROBES

WARRANTY*
5 YEAR
WARRANTY*

HUNTLIEGH

...with people in mind
Based on over 20 years experience in the field of vascular assessment, the latest generation of the world renowned Dopplex handheld Doppler range offers even greater performance, quality and reliability.

The range now has significantly enhanced features including improved audio performance, increased warranty to 5 years and new features on the Dopplex DR3 software package.

The Easy8 Ultra wide beam probe has been designed using innovative technology to produce a distinctly wide beam which completely encompasses the vessel of interest. This new probe is superb for easier vessel location and helps to maintain vessel contact during cuff inflation and deflation procedures, and assists in reducing variability of ABPI measurements.

<table>
<thead>
<tr>
<th>High Sensitivity Doppler Probes</th>
<th>Order code</th>
<th>Freq.</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>EZ8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VP4HS</td>
<td>4MHz</td>
<td></td>
<td>Detection of deep lying vessels.</td>
</tr>
<tr>
<td>VP5HS</td>
<td>5MHz</td>
<td></td>
<td>For oedematous limbs and deep lying vessels. Ideal adjunct to Easy8 for ABPI measurements.</td>
</tr>
<tr>
<td>VP8HS</td>
<td>8MHz</td>
<td></td>
<td>Detection of peripheral vessels and calcified arteries.</td>
</tr>
<tr>
<td>VP10HS</td>
<td>10MHz</td>
<td></td>
<td>Detection of smaller vessels in specialist superficial applications.</td>
</tr>
<tr>
<td>IPP3</td>
<td>8MHz</td>
<td></td>
<td>Re-sterilisable Intraoperative probe. Ideal for most surgical applications.</td>
</tr>
<tr>
<td>OP2HS</td>
<td>2MHz</td>
<td></td>
<td>Obstetric for fetal heart detection.</td>
</tr>
<tr>
<td>OP3HS</td>
<td>3MHz</td>
<td></td>
<td>Obstetric for fetal heart detection in early gestation.</td>
</tr>
</tbody>
</table>

* Approximate distances of peak sensitivity

**ABPI Assessment** It is recommended that the user purchase a VP5HS and an EZ8 probe if regular and oedematous limbs are assessed for ABPI
**dopplex® D900**  
Non-directional Doppler  
The Dopplex® D900 is a low cost audio only, non-directional Doppler, principally used for ABPI measurements by community nurses and doctors in their role of leg ulcer management.  
- Clear audio sounds of blood flow or fetal heart  
- Enhanced battery management  
- Compatible with the complete range of vascular probes  
- When used with Easy 8 probe it is excellent for the infrequent user in locating brachial and pedal arteries  
- Large carry bag  
- Headphones included

**dopplex® SD2**  
Bi-directional Doppler  
The Dopplex® SD2 provides bi-directional vascular information to the vascular professional including the display of flow direction. It is ideal for clinical specialists wishing to conduct advanced Doppler studies.  
- Compatible with all high sensitivity vascular probes (audio only with OP2 and OP3)  
- Ideal for ABPI assessment  
- Provides bi-directional blood flow information  
- Enhanced stereo audio output  
- Large carry bag  
- Stereo headphones included

**dopplex® MD2**  
Bi-directional Doppler  
The Dopplex® MD2 is one of the most advanced pocket Dopplers on the market. It provides the ability for high level vascular assessment, and is ideal for the detection of peripheral arterial disease. When used with the high sensitivity vascular probes it provides quality bi-directional blood flow information. It can be linked to the Dopplex Reporter software package for high quality waveform reports or the Dopplex Printa for single waveform recordings.  
- Connects with all High Sensitivity probes (2, 3, 4, 5, 8, 10 MHz)  
- Provides bi-directional blood flow information and documentation  
- Integral battery management  
- Enhanced audio output  
- Large carry bag will hold sphyg and cuffs

Please note probes sold separately
**dopplex® DFK**  
**Diabetic Foot Assessment Kit**

The Diabetic Foot Assessment Kit provides the professional vascular or diabetes specialist with a system to help in the assessment of neuropathy, ankle brachial pressure index (ABPI) and toe brachial pressure index (TBPI). Product includes:

- Bi-directional Doppler (MD2) and probe (VP8HS)
- Neuropen (includes 10g monofilament)
- Trigger operated sphyg with a range of latex free cuffs (arm/ankle, large and small toe)
- Educational DVD
- Hard carry case
- Set of guides (ABPI/TBPI)
- Headphones
- Box of Neuropen tips

**dopplex® ABPI**  
**Ankle Brachial Pressure Index Kit**

The ABPI Kit contains all the items required to undertake a full ABPI assessment on regular or oedematous limbs and includes two Doppler probes and cuffs. The Easy8 probe helps to locate vessels and also maintain vessel contact during inflation and deflation procedures, and the VP5 is ideal for oedematous limbs. Pack includes:

- Dopplex® MD2 bi-directional Doppler
- High sensitivity widebeam EZ8 8MHz probe
- High sensitivity VP5HS 5MHz probe
- Large arm/ankle cuff
- Standard arm/ankle cuff
- Sphygmomanometer (quick release)
- ABPI Guide
- Educational CD
- Large carry bag

**dopplex® PAD**  
**Peripheral Arterial Disease Assessment Kit**

The PAD kit includes all the items required to undertake a basic assessment on patients at risk of arterial disease. Pack includes:

- Dopplex D900 non-directional Doppler
- High sensitivity widebeam EZ8 probe
- Standard arm/ankle cuff
- Sphygmomanometer
- ABPI guide
- Educational CD
- Large carry bag
**dopplex® MD200**

The MD200 is an innovative desktop solution for clinicians requiring a robust, versatile and rechargeable Doppler unit. Using up to eight interchangeable probes, it provides bi-directional measurement of vascular blood flow and high quality reports when linked to the Dopplex Reporter software.

- Mains/battery operation
- Robust design
- Probes are conveniently stored within the unit
- Enhanced battery power management
- Advanced bi-directional unit with printout capability
- LCD showing bi-directional flow, probe frequency and battery status
- Serial port for connection to the Dopplex® Printa or Dopplex® Reporter software package
- Two speakers providing flow separated high quality stereo sound
- Ideal for measurement of ABPI and venous assessment in a clinic environment
- Now available with a locking pole stand

**dopplex® Intraoperative Probe**

The reusable Dopplex Intraoperative probe can be used to immediately confirm blood flow prior to closing, saving time and costs of a potential re-operation.

The High Sensitivity probes are available in packs of 3 and can be re-sterilised by Autoclave, Ethylene Oxide or Steris System 1. This allows spares to be available in case of contamination.

The probes have been specially designed to be lightweight, easy to hold, and will replace the use of a standard probe placed in a sterile glove.

A special electronic adaptor that resists diathermy interference allows connection to any Vascular Dopplex Advanced Pocket Doppler. The Dopplers can be mounted onto an IV pole using the specially designed pole clamp or the pole stand, which also supports the Dopplex Printa.

Available as:

- A starter pack, which includes adaptor, pole clamp and 3 probes – Order code ISP3
- A starter pack with Doppler, which includes D900 non-directional Doppler, adaptor, pole clamp and 3 probes – Order code ISP3-D900
- A starter pack with Doppler, which includes MD2 bi-directional Doppler, adaptor, pole clamp and 3 probes – Order code ISP3-MD2
- A probe pack containing 3 probes – Order code IPP3
**dopplex® DR3**

Software Package

Dopplex Reporter Package is a unique vascular reporting software package for use in conjunction with the Dopplex MD2 and MD200 units. It enables complete vascular studies to be undertaken and saved in a patient database, and provides full page documented hard-copy printouts. It is easily installed and does not require any modification to your computer.

Applications available in version 3.6 include:

- Upper and lower limb arterial pressure and flow studies
- Lower limb venous studies
- Extracranial blood flow studies
- Penile pressure and flow studies
- Podiatry and chiropody studies
- Pre/post operative studies
- Surgical studies with flow calculations
- Doppler waveform parameter calculations
- Compatible with Windows 98, 2000, XP, Vista and Windows 7
- USB and serial cables included

**dopplex® Printa II**

Dopplex Printa II package is a portable, mains/battery thermal printer, which provides documentation of bi-directional Doppler waveforms when used with Dopplex MD2 and MD200.

It is ideal for a clinic where portability is required.

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**Accessories and Consumables**

A range of high quality approved accessories and consumables are available and detailed in the Accessories catalogue. Available for download from our website:

www.huntleigh-diagnósticos.com
Revolutionising Ankle Brachial Pressure Index Measurements

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 patients home. This can lead to the prioritisation of clinical services by improving clinical pathways.

ABI’s 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.
<table>
<thead>
<tr>
<th>Product Features</th>
<th>DOPPLEX ABility</th>
<th>DOPPLEX MD200</th>
<th>DOPPLEX MD2</th>
<th>DOPPLEX SD2</th>
<th>DOPPLEX D900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Order Code</td>
<td>DA100PB</td>
<td>MD200</td>
<td>MD2</td>
<td>SD2</td>
<td>D900</td>
</tr>
<tr>
<td>Range of eight probe options with probe coding</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Built in loudspeaker and output for headphones</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>True separated stereo audio output</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Non directional waveform output</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Enhanced Bi-directional LCD display</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Waveform calibration function</td>
<td>5 level</td>
<td>5 level</td>
<td>3 level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gain control</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Auto shut off and active noise reduction</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Obstetric capability (audio only)</td>
<td>●†</td>
<td>●†</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Digital interface for Dopplex DR3 &amp; Printa 2 package</td>
<td>Integral Printer</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Mains/Battery</td>
<td>Mains/Battery</td>
<td>250</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>USB Connector</td>
<td>Mini</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year</td>
<td>3 years*</td>
<td>5 years*</td>
<td>5 years*</td>
<td>5 years*</td>
</tr>
<tr>
<td>Accessories</td>
<td>All handheld models supplied complete with: stereo headphones, gel,soft carry bag, user manual. Dopplex ABility; Supplied with one set of standard cuffs, two rolls of paper, pack of sleeves, mains cable and instructions for use</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>All handheld models (including battery and one probe); 295gms (10oz) Desktop model; 1450gms (46oz), Dopplex ABility; 3kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>All handheld models (main unit): Height 140mm (5.5&quot;) Width 74mm (2.9&quot;) Depth 27 (1.1&quot;). Desktop model; Height 240mm (9.5&quot;) Width 227mm (8.9&quot;) Depth 79mm (3.1&quot;). Dopplex ABility; Height 160mm, Depth 240mm, Width 260mm</td>
<td></td>
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<tr>
<td>Battery Type</td>
<td>All handheld models-9 volt alkaline-6LR61, 6LF22 or equivalent recommended (eg. MN1604). Dopplex ABility; NiMH Integral</td>
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</tr>
</tbody>
</table>

For obstetric applications refer to the obstetric brochure available from your supplier
† The DOPPLEX MD2 and DOPPLEX MD200 also calculates and prints FHR
▲ These are typical figures based on the number of one minute examinations – will vary depending on use and battery type
▼ Refer to user manual

* 5 year (3 year on MD200) warranty on main unit, 1 year on cable and probe head – full warranty terms and conditions available on request

References available on request

HUNTLEIGH …with people in mind

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