

Section H Dopplers

Bosch and Sohn (BoSo) ABI

System 100 – Saving lives through early detection of PAOD



The worlds first ABI system with many thousands of units in use in Germany the BoSo ABI 100 provides a completely new method of measuring the Ankle Brachial Index. A simple routine check with the BoSo 100 can help to save lives.

Peripheral arterial occlusive disease (PAOD) is often the forerunner of cardiovascular events with very serious consequences. Unfortunately even in high risk groups such as smokers, diabetics and the elderly, PAOD is often diagnosed too late with tragic personal consequences.

BoSo ABI calculates the crucial values quickly, precisely and reliably without the need for Doppler. All of BoSo's decades of experience manufacturing precision blood pressure measuring equipment is incorporated into the ABI 100 making it easy and very simple to use and understand.

Professional testimonies from well respected individuals such as Prof. Med. Curt Diehm, Head of Department, Internal and Vascular Medicine, Karlsbad-Langensteinbach Clinic, University of Heidelberg highlight the enormous advantages of the BoSo System 100

“ The innovative method used by the BoSo ABI-system 100 creates broad applications for ABI determination in medical practice because the test can be carried out in a few minutes without any special preparations. Doctors and patients alike benefit from this service spectrum, which makes possible accurate diagnosis and early targeted treatment. ”

After simple training the BoSo ABI System can up taking measurements in minutes and the supplied software has an internal database that offers patient management, graphic representation of measured values and a GDT interface that allows export to the practice data processing system.

The BoSo ABI 100 was designed to save lives – quickly, accurately and affordably.



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**For an
in-surgery
demonstration
please call.**

466-0-141
BoSo ABI – System 100

£2595.00

Your local medical supplier is just a phone call away. See cover for full details
Prices shown are exclusive of VAT and delivery

Sonoline C

Designed for use in hospitals, clinics and for midwifery, the Sonoline C utilises a high resolution LCD and is able to show the FHR, waveform and calculate the FHR value.

Features

- Portable
- Simple operation
- Colour TFT LCD display 160x128 pixels
- Anatomically curved probe for easier administration
- Alarm of abnormal FHR
- Real time FHR display, averaged FHR and manual mode
- Battery status
- Headphone output
- Battery life > 8hrs

Performance

- Type B safety
- FHR range: 50 to 240bpm
- Accuracy +/- 2bpm
- Working frequency 2MHz +/- 10%
- 135 x 92 x 30mm
- Weight Circa 245g

ST0005

Sonoline C fetal Doppler with 2Mhz probe

£139.00

**Sonotrax Portable dopplers**

The Sonotrax handheld doppler is ideal for routine examinations performed by Obstetricians and midwives. It is a high performance model with a digital fetal heart rate display. The Pro model can process FHR in 3 modes; real time FHR, Averaged FHR and manual mode whilst the STD model provides a simple manual heart rate mode. Both have audio output and can connect with earphones or recorder with audio input. The interchangeable probe is available in either 2,3,4 and 8MHz frequencies

Technical Specifications

LCD display:	45x25mm with backlit function
Ultrasound intensity:	<10mW/cm ²
FHR:	50-120bpm
Resolution:	1bpm
Power:	2 x AA battery with > 10hr continual use
Auto off	
Dimensions:	135x95x35mm
Weight:	circa 180g

ST0001 Sonotrax STD

Sonotrax STD with manual heart mode

£79.00

ST0001pro Sonotrax PRO

Sonotrax Pro with 3 heart rate modes

£99.00



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Section H **Dopplers**

UltraSound Technologies

Pocket Doppler Range

British based manufacturers, Ultrasound Technologies, are pleased to offer their 'UltraTech' range of fetal and vascular Doppler systems for use in general practice and primary care. UltraTech units include a 3 year

manufacturers guarantee, proof of their reputation for quality and durability. High-quality surface mount electronics ensure excellent reliability.

From the basic PD1 pocket doppler, through to the combination and vascular units, all models are supplied with battery, canvas carry case and concise user guide.



UltraTech PD1 - Foetal Pocket Doppler

- Compact and lightweight pocket Doppler for routine antenatal foetal detection
- Ideal for use by general practitioner or midwife
- High-sensitivity 2MHz narrow-beam transducer
- Internal signal processing minimises noise artefacts
- Audio foetal heart signals are available via the built-in loudspeaker or optional headset
- Rotary volume control
- Easy to clean unit and transducer
- Powered by a standard 9v battery giving in excess of 9 hours continuous operation
- Battery saver system
- 3 year warranty



ULTRATEC PD1

UltraTech PD1 - Foetal Pocket Doppler

£159.00

H3



UltraTech PD1+ - Foetal Pocket Doppler with FHR display

- The UltraTech PD1+ extends the standard features of the PD1, while still providing a small and lightweight device
- Built-in Foetal Heart Rate processing software (FHR)
- FHR information is displayed on the large LCD display for monitoring along with audio foetal heart signals
- FHR traces can be reproduced by connecting the built-in serial output to the optional UltraTrace 2 PC connection software
- Microprocessor controlled battery saver system
- 9v battery gives in excess of 6 hours continuous use
- 3 year warranty

ULTRATEC PD1+

UltraTech PD1+ Foetal Pocket Doppler with FHR display

£225.00

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UltraTech PD1dwr - 'Water Birth' Foetal Doppler



- UltraTech PD1dwr incorporates all the features of the PD1+
- In addition, it provides General Practitioners and Midwives with a product suitable for 'water-birth' applications
- The 2MHz waterproof probe allows foetal signals to be located easily under water, whilst audio and foetal heart rate data are available in the normal way
- Allows complete immersion of probe for foetal assessment
- 3 year warranty

ULTRATEC PD1DWR £239.00
UltraTech PD1 'Water-Birth' Foetal Doppler

UltraTech PD1combi - Combination Foetal and Vascular Doppler



- The more versatile option for General Practitioners involved in both foetal heart and vascular flow detection
- Small, lightweight and highly sensitive doppler device
- Built in loudspeaker with rotary volume control
- Monitoring also available via optional headphones
- PD1 combi is supplied complete with your choice of 1 of the following transducers:
 - 2MHz - routine antenatal foetal detection
 - 5MHz - routine vascular investigation
 - 8MHz - vessel location & pulse / systolic monitoring
- Additional probes are available as an option
- Easy to clean device and probes
- 9v battery (supplied) gives in excess of 9 hours continuous use
- 3 year warranty

ULTRA PD1COMB £239.00
UltraTech PD1 combination Doppler with 2 Mhz probe

ULTRA PD1COMB5MZ £239.00
UltraTech PD1 combination Doppler with 5 Mhz probe

ULTRA PD1COMB8MZ £239.00
UltraTech PD1 combination Doppler with 8 Mhz probe

ULTRATEC 2MZ PRO £146.00
Additional 2 Mhz probe

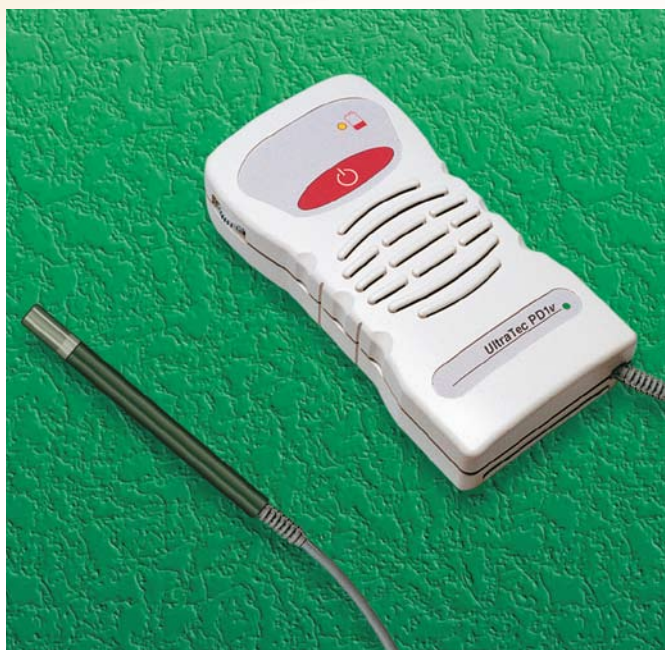
ULTRATEC 5MZ PRO £146.00
Additional 5 Mhz probe

ULTRATEC 8MZ PRO £146.00
Additional 8 Mhz probe

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Section H Dopplers

UltraTech PD1v - Vascular Pocket Doppler



- The UltraTech PD1v is a small, lightweight, high sensitivity pocket vascular doppler
- The vascular pencil probes are ideal for routine vascular examinations
- Vascular flow signals are easily detected using the lightweight narrow beam pencil transducer
- Internal signal processing minimises noise artefacts
- The flow signal is available to the user via the loudspeaker or optional headset, with rotary volume control
- Chart recorder output is provided for the printing of non-directional waveforms
- Available with the following narrow beam pencil transducer:
 - 8MHz - vessel location & pulse / systolic monitoring
- Velocity output
- Battery saver system gives in excess of 9 hours continuous use from a 9v battery
- 3 year warranty

ULTRATEC PD1V 8MZ **£380.00**
 UltraTech PD1v vascular Doppler with 8MHz pencil probe

ULTRA PD1CV 8MZ **£239.00**
 UltraTech PD1CV vascular Doppler with 8MHz standard probe

ULTRA PD1HEADSET **£26.00**
 Audio Headset for UltraTech Dopplers

Sonotrax HU

Specifically designed for home use by expectant women the Baby Sound range enables pregnant women to listen to their unborn babies heart beat and movements from as early as 10 to 12 weeks. Very simple to use. Whilst designed primarily for home use the quality of the Baby sound range makes it ideal for nurses and midwives who require a simple value for money doppler. The software allows the unit to be connected to a computer etc and allows the baby's heartbeat to be sent to friends and family via email

- 2 x AAA batteries provide for more than 6 hours continual use.
- Choice of audio output and Audio/Visual output

Specifications

- Integrated design helps protect sensitive doppler probe
- 2MHz frequency
- Double audio output sockets for headphones
- Output headset with volume control
- 110x55x16mm
- 80g with batteries
- Recording cable
- 1 year warranty
- Package contents include:
 Baby sound doppler, headset, recording cable, instruction manual

75.00.000 **£49.00**
 Baby Sound doppler, basic model without FHR display

75.00.010 **£69.00**
 Baby Sound doppler with FHR display



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HEINE GERMANY

Distributed in the UK and Ireland
by ALBERTWAESCHLE Poole



Heine Quality

Over the past 60 years, Heine has established itself as an acknowledged world leader in medical instruments and equipment – offering an unrivalled combination of ergonomic design, high precision and outstanding quality in everything they make.

Today, every single product is backed by a no-quibble 10-year guarantee – further reassurance of their reliability and performance, and yet another reason why Heine is the best option by far for practitioners and patients alike.

See other Heine products in the following sections:

Section L Instruments

Section M Lighting

Section S Sphygmom

Section T Stethoscopes



COMMITTED TO QUALITY

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