



**UltraTec *PD1***  
**Pocket Doppler Range**

UltraTec PD1

# OBSTETRIC DOPPLER



## UltraTec PD1 POCKET FETAL DOPPLER

The UltraTec PD1 is a small, lightweight, high sensitivity pocket Doppler. It's 2MHz fetal Doppler probe is ideal for use by a general practitioner or midwife for routine antenatal fetal detection.

- 2MHz Ultrasound
- Battery saver system
- Lightweight, hand held unit
- Fixed probe with retractile cable
- Easy clean plastic enclosure and probe
- Surface mount electronics for high reliability

## UltraTec PD1+ POCKET FETAL DOPPLER WITH FHR DISPLAY

The UltraTec PD1+ adds an LCD display and built-in fetal heart rate processing to the PD1. Also included is an RS232 interface for connection to optional PC software.

- Large LCD FHR Display\*
- Built-in FHR correlation software\*
- RS232 Connection\*

## UltraTec PD1 dwr WATER BIRTH DOPPLER

The PD1 dwr has a sealed probe for immersion in water, making it suitable for water birth FHR monitoring. The audio unit is water resistant for a longer life in water birth environments.

- Sealed probe for water immersion\*\*
- Water resistant audio unit\*\*
- Large LCD FHR Display\*
- Built-in FHR correlation software

\* PD1+ and PD1 dwr only. \*\* PD1 dwr only.



## UltraTec PD1+ combi

The PD1+ combi provides the additional FHR display and correlation software of the PD1+, with the same interchangeable probes as the PD1 combi.

## UltraTec PD1 combi INTERCHANGEABLE PROBE POCKET DOPPLER

The UltraTec PD1 combi has interchangeable probes to allow for a range of fetal and vascular probes to be connected to a single unit.

- 2, 3, 5 or 8MHz Ultrasound
- Lightweight, hand held unit
- Interchangeable probe system
- Fetal and vascular use
- Easy clean plastic enclosure and probe
- Battery saver system
- Surface mount electronics for high reliability

## PROBES

The 2MHz or 3MHz fetal probe is ideal for routine antenatal fetal detection.

The 5MHz or 8MHz is ideal for routine vascular investigation.

# VASCULAR DOPPLER



The fixed 8MHz probe covers most common arterial and venous applications.

The PD1v is commonly used for vessel location and ABPI testing.



## UltraTec PD1v VASCULAR POCKET DOPPLER

The UltraTec PD1v is a specialist pocket Doppler. Its flat or pencil vascular probes are ideal for use by a general practitioner or vascular specialist for routine vascular examinations.

- 8MHz Ultrasound
- Lightweight, hand held unit
- High sensitivity flat/pencil probe
- Velocity output processing
- 1mV/V/KHz recorder output
- Easy clean plastic enclosure
- Battery saver system

## UltraTec PD1v FLAT VASCULAR POCKET DOPPLER

The UltraTec PD1v flat vascular probe is ideal for taping in position for long term monitoring or for use by a vascular specialist for routine vascular examinations.



## UltraTec PD1cv VASCULAR POCKET DOPPLER

The UltraTec PD1cv is a specialist pocket Doppler with fixed vascular probes. It is perfectly suited as an entry level Doppler for the general practitioner or emergency nurse as well as podiatrists, chiropractors or vascular specialists, for pressure index or routine vascular detection.

## PROBES

Choosing a fixed 5 or 8MHz vascular probe provides an ideal tool for use by a general practitioner for routine vascular investigation, in ER for vessel location or for monitoring pulses and systolic blood pressure and also by a specialist in diabetes or dermatology.

- 5 or 8MHz Ultrasound
- Lightweight, hand held unit
- Fixed probe with retractile cable
- Easy clean plastic enclosure and probe
- Battery saver system
- Surface mount electronics for high reliability

## WARRANTY

All UltraTec products are supplied with a standard 3 year warranty on the audio unit and probe, lowering the cost of ownership. Terms and conditions apply.

With over 25 years of supplying Dopplers you can be assured that any problem your UltraTec PD1 series unit encounters over it's lifetime will be fixed quickly and reliably.

## SPECIFICATION

<b>Ultrasound</b>	Frequency (Obstetric) Frequency (Vascular) Probe Audio Range Power output Indicators Heart Rate Processing	2 or 3MHz continuous wave.* 5 or 8MHz continuous wave.** 2 crystal narrow beam. Response 300Hz to 1KHz ( 4KHz with vascular). 50 to 210 bpm. <15m W/cm <sup>2</sup> SATA. LCD heart rate and pulse indication. Digital multipoint autocorrelator.
<b>Controls and Indicators</b>	Control Indicators (PD1) Indicators (PD1+)	Rotary volume control and power on/off button. Yellow battery low LED. 3 digit FHR LCD display, FHR pulse icon, battery low icon.
<b>Outputs</b>	Headset Serial (PD1+ range) Recorder (PD1v)	Audio output to optional headset. RS232 interface to optional UltraTrace 2 PC software. Voltage output proportional to velocity of flow.
<b>Power Supply</b>	Battery Expected battery life (PD1 range) Expected battery life (PD1+ range)	MN1604 (PP3) 9V Alkaline Manganese. >9 hours. >6 hours.
<b>Enclosure</b>	Material Weight Size	ABS. 295g typically, including probe. 150mm by 75mm.
<b>Safety</b>	Classification	Class 1 Type B - IEC 60601-1:2006.

For further information or to place an order contact your local distributor or :

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\*3MHz only available for PD1combi. \*\*The PD1cv is supplied with a fixed probe. The frequency must be specified at the time of ordering.  
All Ultrasound Technologies Products are designed to comply with international standards and are manufactured in the UK.  
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