



UltraTec *PD1*
Pocket Doppler Range

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.

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.

UltraTec PD1 dŵr WATER BIRTH DOPPLER

The PD1 dŵr 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.

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

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

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

* PD1+ and PD1 dŵr only. **PD1 dŵr 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.

Fetal Vascular



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. It's 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.



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.

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, chiropodists or vascular specialists, for pressure index or routine vascular detection.

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

Ultrasound	Frequency (Obstetric)	2 or 3MHz continuous wave.*
	Frequency (Vascular)	5 or 8MHz continuous wave.**
	Probe	2 crystal narrow beam.
	Audio	Response 300Hz to 1KHz (4KHz with vascular).
	Range	50 to 210 bpm.
	Power output	<15m W/cm2 SATA.
	Indicators	LCD heart rate and pulse indication.
	Heart Rate Processing	Digital multipoint autocorrelator.
Controls and Indicators		
	Control	Rotary volume control and power on/off button.
	Indicators (PD1)	Yellow battery low LED.
	Indicators (PD1+)	3 digit FHR LCD display, FHR pulse icon, battery low icon.
Outputs		
	Headset	Audio output to optional headset.
	Serial (PD1+ range)	RS232 interface to optional UltraTrace 2 PC software.
	Recorder (PD1v)	Voltage output proportional to velocity of flow.
Power Supply		
	Battery	MN1604 (PP3) 9V Alkaline Manganese.
	Expected battery life (PD1 range)	>9 hours.
	Expected battery life (PD1+ range)	>6 hours.
Enclosure		
	Material	ABS.
	Weight	295g typically, including probe.
	Size	150mm by 75mm.
Safety		
	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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