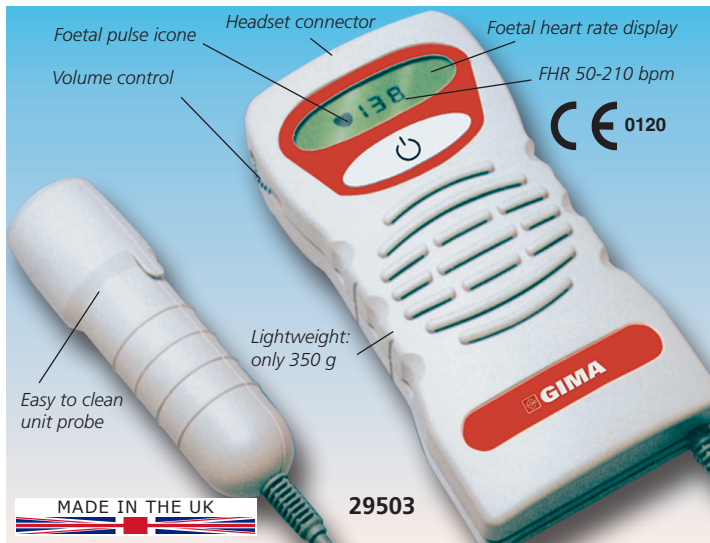


# GIMA FOETAL POCKET DOPPLERS



• **29503 GIMA FOETAL DOPPLER D2003 with display**  
 Pocket foetal doppler with same specification as code 29502 but with built-in foetal heart rate processing. Foetal heart rate (FHR) is displayed on a large LCD display whilst internal signal process minimises noise artefacts.

• **29505 GIMA FOETAL DOPPLER D2005 with display and waterproof probe**

Same as code 29503 but waterproof probe and sealed electronics. All units are supplied in a nice bag with a tube of coupling gel and user manual in GB, FR, IT, ES, PT, DE, GR. Battery not included.

- **29512 ON/OFF MEMBRANE SWITCH** for codes 29503, 29505
- **32205 9V ALKALINE BATTERY**



• **29502 GIMA FOETAL DOPPLER G2002**  
 Small, lightweight, high sensitivity pocket Doppler, with 2 MHz foetal probe, ideal for General Practitioner's or Midwife's use for routine antenatal foetal detection.

Pocket Doppler can be used to detect the beating foetal heart from about 10th week of gestation. It may be used to locate the position of the placenta, thus aiding in the early diagnosis of placenta praevia, to survey blood flow of the umbilical cord and to diagnose multiple pregnancies. Foetal signals are easily located using the lightweight narrow beam transducer while internal signal processing minimizes noise artefacts. Audio foetal heart signals are available to the user via the built-in loudspeaker or option headset, with output level controlled by rotary volume control.

• **29511 ON/OFF MEMBRANE SWITCH** for code 29502

TECHNICAL SPECIFICATION (CODES 29502 - 29503 - 29505)	
Ultrasound	Frequency: 2 MHz continuous wave Transducer: 2 crystal narrow beam Output power: <10mW/mm <sup>2</sup> SATA Audio Response 300Hz - 1 KHz autocorrelator (only code 29503 and 29505)
FHR (Fetal heart rate):	50-210 bpm (29503, 29505) 60-210 bpm (29502) resolution ± 1 bpm, accuracy ± 2 bpm
Unit Controls	Keys: 1 Key (for unit on/off) Controls: rotary volume
Indicators:	3 digit FHR LCD display (codes 29503, 29505) FHR pulse icon (codes 29503, 29505), Battery low icon
Power supply	Battery 9 V Alkaline Manganese Expected battery life: 8 hours
Output	Headset: Audio output to optional headset Serial: RS232 interface (codes 29503, 29505)-jack 35 mm
Material:	ABS / Noryl
Size:	150 mm by 75 mm Weight: 295 g (with transducer)
Classification:	Class I Type B - IEC 60601-1 CE 0120

# SONOTRAX DOPPLERS



**SUPPORT 2MHz, 3MHz, 4MHz, 8 MHz WATERPROOF PROBES**

29493 TECHNICAL SPECIFICATIONS	
Size:	32x85x138 mm
Weight:	290 g (including battery)
Heart rate range:	50-210 bpm
Resolution:	1 bpm
Accuracy:	± 3 bpm
LCD display:	45x25 mm (only code 29491-93)
Auto average and manual mode	
Recording length:	480 s / 240 s
Auto power-off to save power	
Manual:	GB, IT - on request: DE, ES, FR, PT.

GIMA code	DOPPLERS AND INTERCHANGEABLE PROBES - LATEX FREE
29490	SONOTRAX LITE DOPPLER - without probe - with bag
29491	SONOTRAX BASIC DOPPLER - with display - without probe - with carrying bag
29493	SONOTRAX PRO II DOPPLER with backlit display built-in audio recorder and rechargeable batteries with battery charger - without probe - with carrying bag
29496	2MHz waterproof probe - gynaecology
29497	3MHz waterproof probe - gynaecology
29498	4MHz waterproof probe - vascular
29499	8MHz waterproof probe - vascular
29500	Rechargeable Ni-Mh battery for 29493 - spare

# GIMASONIC COLOUR DOPPLER

## COLOUR SCREEN POCKET DOPPLER

- built-in speaker
- TFT-LCD, real-time display of FHR
- three working modes: real-time FHR, average FHR and manual calculation
- display of FHR, bar graph and heartbeat waveform, red alarm for abnormal FHR
- low power consumption, continuously work for more than 8 hours with two "AA" batteries
- indication for probe-off and low battery
- range of probes for foetal or vascular use: 2, 3, 8 MHz probe
- Suitable for use after the 12<sup>th</sup> week of pregnancy
- Multilingual box and manual: GB, FR, IT, ES, PT, DE.



29480 TECHNICAL SPECIFICATIONS	
Ultrasound working frequency:	2 MHz ± 10%
Fetal heart rate:	range: 50-240 bpm resolution: 1 bpm accuracy: ± 2 bpm
Alarm:	high limit: 160 bpm low limit: 120 bpm
Ultrasound intensity:	< 5 mw/cm <sup>2</sup>
Auto power off after 1 minute no signal	
Size - weight:	135x92x29 mm - 245 g
Power supply:	2 AA Batteries LR6 - 1.5 V DC
Probe:	Prevent from water splashing, degree of protection : IPX4

GIMA code	GIMASONIC COLOUR SCREEN DOPPLER
29480	GIMASONIC Colour screen doppler - without probe
29481	2 MHz probe - gynaecology
29482	3 MHz probe - gynaecology
29484	8 MHz probe - vascular