

## POCKET DOPPLER WITH INTERCHANGEABLE OR FIXED PROBES



TECHNICAL SPECIFICATIONS	
<b>Ultrasound</b>	<b>Power supply</b>
Frequency: 2, 5 or 8 MHz continuous wave	Battery 9V Alkaline (not included)
Transducer: 2 crystal narrow beam	Expected battery life: >9 hours
Output power: <15mW/cm <sup>2</sup> SATA	<b>Output</b>
Audio Response: 300Hz - 4 KHz	Headset: Audio output to optional headset (not included)
<b>Unit Controls</b>	Material: ABS / Noryl
Keys: 1 Key (for unit on/off)	Size - weight: 150 mm by 75 mm - 299 g
Controls: rotary volume	Classification: Class I Type B - IEC 60601-1
Indicators: Yellow battery low LED	

### GIMA POCKET DOPPLERS

Small, lightweight, high sensitivity pocket Doppler. Its probes are ideal for use by a General Practitioner, vascular specialist for routine vascular examination in ER for vessel location, or by specialists in diabetes, urology and gynaecology.

Vascular flow signals and FHR are easily located using the transducer while internal signal processing minimizes noise artefacts.

The flow signal is also available to the user via the built-in loudspeaker with output level controlled by rotary volume control.

2 years warranty.

Supplied in a nice bag with probe, cable, gel tube and 7 languages user manual: GB, FR, DE, IT, ES, GR, PT.



GIMA code	GIMA POCKET DOPPLERS
33120	DOPPLER V2005 with 5 MHz fixed vascular probe
33121	DOPPLER V2008 with 8 MHz fixed vascular probe
33123	DOPPLER V2000 (without probe)
33126	2 MHz interchangeable probe - foetal for V2000
33127	5 MHz interchangeable probe - vascular for V2000
33128	8 MHz interchangeable probe - vascular for V2000
29511	ON/OFF membrane switch spare for 33120/3

## SONOTRAX DOPPLERS

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

**TECHNICAL SPECIFICATIONS**

Size: 32x85x138 mm  
Weight: 290 g (including battery)  
Heart rate range: 50-210 bpm  
Resolution: 1 bpm  
Accuracy:  $\pm 3$  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.

**29496** Probe not included

**29490** **29491**

**MDR certified**

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 - without probe

- 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.

TECHNICAL SPECIFICATIONS	
Ultrasound working frequency:	2 MHz $\pm 10\%$
Fetal heart rate:	range: 50-240 bpm
	resolution: 1 bpm
	accuracy: $\pm 2$ bpm
Alarm:	high limit: 160 bpm
	low limit: 120 bpm
Ultrasound intensity:	< 5 mm/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

