

GIMA 900 PRO AND PLUS VITAL SIGNS MONITORS

- 35124 GIMA 900 PRO VITAL SIGNS MONITOR
 - 35132 GIMA 900 PLUS VITAL SIGNS MONITOR
- "Vital Signs" is a line of small multi-parameter patient monitors, which can monitor the vital physiological parameters: non-invasive blood pressure (NIBP), pulse oxygen saturation (SpO₂), electrocardiogram (ECG) and temperature (TEMP).
- 3.5" LCD display for remote review (GIMA-900 Pro), and 7" high resolution touch screen (GIMA-900 Plus)
 - history data records reviewed in waveform, list and trend graph
 - USB connection for data download through integrated software (GB)



GIMA code	ACCESSORIES AND SPARES	
35133	Printer* - optional	*Installation done by Gima if ordered with monitor. Need service if ordered later.
35141	Paper 5.1 cm x 12 m - box of 5	
35129	Lithium re-chargeable battery - spare for 35124, 35132	
35135	Reusable adult SpO ₂ probe - spare	
35136	Reusable pediatric SpO ₂ probe	
35137	5 leads ECG cable - spare	
35127	Trolley - adjustable 73 to 113 cm	
35128	Rail clamp	
For 900 Pro	For 900 Plus	NIBP CUFF
35140	35050	NIBP cuff - 10-19 cm - pediatric
35142	35051	NIBP cuff - 18-26 cm - pediatric XL
35139	35052	NIBP cuff - 21-35 cm - adult
35143	35053	NIBP cuff - 27-42 cm - adult XL

STANDARD ACCESSORIES	
- Adult SpO ₂ probe	- Lithium rechargeable battery
- NIBP adult cuff	- Power supply cable
- Temperature probe - skin type	- Dust protective mantle
- ECG cable + 10 ECG electrode	- Manual (GB, FR, IT, ES)

TECHNICAL SPECIFICATIONS	
NIBP	Measuring accuracy: ±2 bpm or ±2%, whichever is greater
Measuring method: Oscillometric	
Measurement mode: Manual, Auto, STAT	
Measurement range:	HR display range: 15-350 bpm
Press(unit) Adult Pediatric Neonate	HR display accuracy: ±1% or ±2 bpm, whichever is greater
SYS mmHg 40-275 40-200 40-135	HR alarm delay time: ≤10s
MAP mmHg 20-230 20-165 20-110	Sensitivity selection: x1/4, x1/2, x1, x2
DIA mmHg 10-210 10-150 10-95	Sweeping speed: 25 mm/s
SpO₂	Temperature
Measuring range: 35%~100%	Measuring range: 21-50°C
Measuring accuracy: 3% for range from 70 to 100%	Measuring accuracy: ±0.2°C for range 25-45°C
Low perfusion performance: as low as 0.4%	Other Technical Specifications
Pulse Rate	Power supply: 100-240 VAC, 50/60 Hz
Measuring range: 30-240 bpm	Battery: 11.1 V / 4,400 mAh (Li-ion Battery)
	Size: 168x172xh 242 mm

PC-3000 MULTI-PARAMETER PATIENT MONITOR



- 35134 PC 3000 MULTI-PARAMETER PATIENT MONITOR
- 7" high resolution colour TFT display, 5-channel waveform display
- standard parameters: ECG, RESP, SpO₂, NIBP, TEMP, PR; Arrhythmia analysis and ST segment analysis
- up to 12,000 groups parameter data & 60-hour ECG waveform storage and recall
 - 1,000-hour graphic and tabular trends for all parameters
 - 7-channel ECG simultaneous waveforms display
 - protection against interference from defibrillator, electrosurgical knife
 - adult / pediatric measurement modes
 - visual and audible alarms;
 - carrying handle with bed-hooks
- Internal software: GB, IT, FR, ES, PT, PL, CZ, TR, CN.

STANDARD ACCESSORIES		
1 ECG cable	1 NIBP cuff	10 Disposable electrodes
1 Adult SpO ₂ probe	1 Li-ion battery*	1 Body surface temperature transducer
1 AC power Adapter	1 Power cable	User manual: IT, GB, FR

*About 3 hours continuous working when battery is fully charged

GIMA code	ACCESSORIES - SPARES
35135	Adult SpO ₂ probe - spare
35136	Pediatric SpO ₂ probe
35137	5 leads ECG cable 3.75 m - spare
35138	Li-ion battery - spare
35140	NIBP cuff 10-19 cm - pediatric
35142	NIBP cuff 18-26 cm - pediatric XL
35139	NIBP cuff 21-35 cm - adult - spare
35143	NIBP cuff 27-42 cm - adult XL
35144	Carrying bag
35160	AC power adapter + cable - spare
35163	Carrying handle - spare

TECHNICAL SPECIFICATIONS	
NIBP Monitoring	Automatic measurement by oscillating method
Measuring method:	Adult mode: <180mmHg infant mode: <120mmHg
Initial cuff inflation pressure:	Adult mode: 300mmHg Infant mode: 240 mmHg
Overpressure protection limit:	
Measuring range	
Systolic pressure:	Adult: 40-225 mmHg Infant: 40-200 mmHg
Diastolic pressure:	Adult: 20-215 mmHg Infant: 20-165 mmHg
Mean arterial pressure:	Adult: 10-195 mmHg Infant: 10-150 mmHg
Measurement accuracy:	Systolic ±10% Diastolic ±10% MAP ±10%
Measurement mode:	Manual, Auto, STAT
Automatic measuring:	1-240min
TEMP Monitoring	
Measuring range, accuracy:	21.0 - 50.0 °C, ±0.2°C
SpO₂ & Pulse Rate Monitoring	
Transducer:	dual-wave length LED
SpO ₂ measuring range:	0 - 100 %
Accuracy:	70%-100% ±3%
Low perfusion capability:	0.4 - 5 %
PR measuring range:	0 - 250 bpm ±2 bpm
ECG Monitoring	
Heart rate measurement:	±0.4 mVp - ±5 mVp
Heart rate display range:	15 - 350 bpm ±1% or ±2 bpm whichever is greater
Heart rate alarm delay time:	≤10s
Sensitivity selection:	Auto, x1/4, x1/2, x1, x2, x4 tolerance: ≤5%
Sweeping speed:	12.5 mm/s, 25 mm/s, 50 mm/s tolerance: ≤10%
Common-mode rejection ratio:	≥89 dB
Frequency response mode:	Monitoring: 0.5 - 40 Hz Diagnostic: 0.05 - 75 Hz
RESP Monitoring	
Monitoring range, accuracy:	0 - 120 rpm, ±5% or 2 rpm, whichever is greater
RESP alarm range:	0 - 100 bpm ±10%
Other Technical Specifications	
Power supply:	100 - 240 Vac, 50/60 Hz - 60 VA
Networking port:	serial/Net port
Norms	IEC 60601-1 Class I, type BF, IPX2

