



## Multipara Patient Monitor

### PLATINUM GP1055

#### Introduction :

- The monitor has abundant functions that can be used for clinical monitoring with adult, pediatric and neonatal.
- Users may select different parameter configuration according to different requirements.
- The monitor, power supplied by 100-240V~50/60Hz, adopts 12.1" color TFT LCD displaying real-time date and waveform.
- It can synchronously display eight-channel waveform and full monitoring parameters equipped with an optional 48mm thermal recorder.
- The monitor can be connected to the central monitoring system via wire or wireless network to form a network monitoring system.
- This device can monitor such parameters as ECG, RESP, NIBP, SpO2, and dual-channel TEMP, etc. It is upgradable to EtCO2 & IBP, Built-in Thermal Printer display and recorder in one device to form a compact and portable equipment.
- Its replaceable internal battery brings lot of convenient for patient moving..

#### Features :

- 12.1" TFT color LCD, multi-language interface(Simplified Chinese, Traditional Chinese, English, French, German, Turkish, Spanish, Portuguese, Italian, Dutch, Romanian, Russian, Kazakh, Polish, Czech).
- Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection.
- All-round monitor for adult, pediatric and neonate.
- With standard interface, oxygen graph, trend graph, big character interface and view bed, convenient to observe.
- Finish all operations by keys and knobs.
- Maximum 8-channel waveform synchronous display.
- Adopt digital SpO2 technology, anti-motion and anti-ambient light interference, and measurement can be performed under the circumstance of weak filling.
- Heart rate variability (HRV) analysis function
- NIBP measurement mode: Manual/AUTO/STAT, storage
- Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.
- Drug concentration calculation and titration table functions.
- One-touch printing of trend graph
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring Anti-high frequency surgical unit, defibrillation-proof (special leads are necessary).

#### Performance :

##### ■ ECG

**Lead mode:** 3-lead or 5-lead

**Lead selection:** I, II, III, aVR, aVL, aVF, V

**Waveform:** 5-lead, dual-channel

3-lead, single-channel

Gain: 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV,

40mm/mV

Scan speed: 12.5mm/s, 25 mm/s, 50 mm/s

##### HR:

**Measurement and alarm range:** 15~350 bpm

**Accuracy:**  $\pm 1\%$  or  $\pm 1$  bpm, whichever is greater

**Alarm accuracy:**  $\pm 2$  bpm

**Resolution:** 1 bpm

**ST-segment monitoring:**

**Measurement and alarm range:** -2.0 mV ~ +2.0 mV

**Accuracy:** -0.8 mV~+0.8 mV  $\pm 0.04$  mV or  $\pm 10\%$ , whichever is greater

**Other range:** unspecified

**Arrhythmia analysis:** ASYSTOLE, VFIB/VTAC,

COUPLET BIGEMINY, TRIGEMINY, R ON T, VT>2,

PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC

**Pacemaker:** yes

##### ■ RESP

**Method :** R-F(RA-LL) Impedance

**Respiration rate;**

Measurement and alarm range: 0~150 rpm

**Resolution:** 1 rpm

**Measurement accuracy:**  $\pm 2$  rpm

**Alarm accuracy:**  $\pm 3$  rpm

**Apnea alarm:** 10~40s

**Scan speed:** 6.25 mm/s, 12.5 mm/s, 25 mm/s

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### Performance :

#### ■ NIBP

**Method:** Oscillometry

**Mode:** Manual/AUTO/STAT

**Measurement interval in AUTO mode:** 1/2/3/4/5/10/15/30/60/90

1/2/3/4/5/10/15/30/60/90/120/240/480/960 minutes

**Measurement period in STAT mode:** 5 minutes

**Measurement and alarm range:** 10 ~ 270 mmHg

**Resolution:** 1 mmHg

**Cuff pressure accuracy:** ±3 mmHg

**Measurement accuracy:**

**Maximal mean deviation:** ±5 mmHg

**Maximal standard deviation:** 8 mmHg

**Over-pressure protection:**

Adult mode: 297±3 mmHg

Pediatric mode: 240±3 mmHg

Neonatal mode: 147±3 mmHg

#### ■ SpO2

**Measurement and alarm range :** 0 ~ 100%

**Resolution:** 1%

**Measurement accuracy :** 70%~100%: ±2%;

0%~69% : unspecified

**Neonatal mode :** 147±3 mmHg



#### ■ TEMP

**Channel:** dual-channel

**Measurement and alarm range:** 0 ~ 50°C

**Resolution:** 0.1 °C

**Accuracy:** ±0.1 °C

#### ■ Accessories

- 1) Adult fingertip SpO2 probe (5-pin)
- 2) Adult NIBP cuff
- 3) NIBP extension tube
- 4) ECG lead cable
- 5) ECG electrode
- 6) Temperature probe
- 7) Power cord
- 8) User Manual

#### ■ Physical Characteristic

**Dimension:** 314 mm(L) × 145 mm(W) × 264 mm(H)

**Weight:** 3.9 Kg

#### ADDITIONAL INFORMATION

**Color:** Blue, Purple, White

**Size:** 20, 24

**Material:** 100% Polyester

#### REVIEWS

 [glamaticpharma.com](http://glamaticpharma.com)

