



**progetti**  
Medical Equipment Solutions

# PG MAP

**Ambulatory Blood Pressure Monitor with Analysis Software**



Small in size, light in weight, and smart in accuracy. PG MAP does not only provide the results of each BP readings for 24 or 48 hours, but also show the true waveform during the testing process. PG MAP brings review analysis to the ABPM industry.



## ADVANCED TECHNOLOGY

- Unique recording and storing of blood pressure values and pulse waveform
- Data can be downloaded to PC for visualization of arterial pulse waveforms and analysis of blood pressure
- Dual sensors, dual CPUs, and dual valves ensure patient safety, including test failure monitoring
- Digital dual valve provides smooth deflation and accuracy expected from the auscultatory method



## USER FRIENDLY

- Intelligent design for patient comfort and compliance while accommodating large range of arm sizes and blood pressure levels
- Easy-to-read color LCD screen and easy-to-navigate keys – enabling critical clinical data display and quick setup
- 24/48-hour long recording, easy data transferring for quick analysis and device turnaround
- Customized measurement schedule



# PG MAP

## TECHNICAL SPECIFICATIONS



**Dimensions:** 103mm×76mm×31mm  
**Weight:** 180g (without batteries)  
**Carrying case:** A.B.S plastic  
**Battery:** 2 "AA" size Alkaline battery  
**Power:** <3VA  
**Recording time:** 1day (1,2 optional)  
**Storage medium:** SD card  
**Operation method:** LCD and Three Keys  
**Communication:** PG MAP by SD card - PG MAP PLUS Bluetooth and SD card  
**Memory size:** 1GB or larger  
**Work Style:** Continuous  
**Indicating range:** 0mmHg~300mmHg  
**Pressure precision:** ≤3mmHg  
**Range of blood pressure:** Systolic:50mmHg~255mmHg, Diastolic:30mmHg~200mmHg  
**Range of pulse:** 30~200BPM  
**Pace record:** Recorder have ability to record ECG signal when a pace-maker installed  
**Operation environment:** Temperature 5 - 45°C  
 Relative humidity 10 - 95%  
 Atmospheric pressure 80 - 106kPa  
**Transport and storage:** Temperature: -20°C ~55°C  
**Environment:** Relative humidity:10% ~ 80%, non-condensing  
 Atmospheric pressure 50 - 106kPa; No corrosive

### Available versions and Standard Sets

- PG MAP** – including: Recorder, Pouch, Belt, Blood Pressure Cuff (size: M), SD Card, User Manual + ABP Analysis and Reporting Software Package (Software CD-disk, Dongle, SD Card reader, User Manual)
- PG MAP PLUS** – including: Recorder with Bluetooth connection, Pouch, Belt, Blood Pressure Cuff (size: M), SD Card, User Manual + ABP Analysis and Reporting Software Package (Software CD-disk, Dongle, SD Card reader, User Manual)

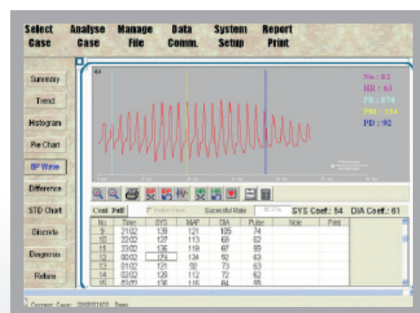
## DATA ANALYSIS SOFTWARE



The PG MAP Series ABP Analysis and Reporting Software is intended to review data recorded by ABP recorders on a Windows computer. It analyzes the data, and as well as edits and generates analysis reports.

The software has 4 different functional modules:

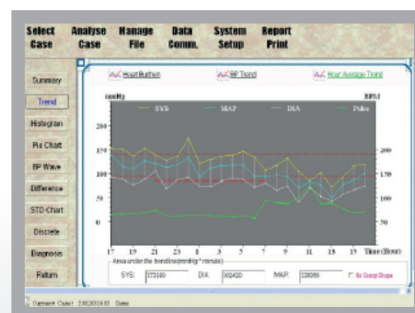
- 1. General:** Include a set of general functions, allowing users to preset a ABP recorder, receive data from a recorder. Furthermore, it is available a window to manage the patient data.
- 2. ABP Analysis and Editing:** it includes result of BP measurements, summary, histograms, pie charts, trend diagrams, BPV analysis, BP Poin-care plot and linear regression analysis.
- 3. Report Printing:** Multiple formats of the report can be created, and provided for pre viewing and printing.
- 4. System Maintenance:** System maintenance functions are available to check performance of recorders, backup /restore setting files, etc.



Blood pressure histograms



Blood pressure and pulse rate trends



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