

# PG-8 Plus

Digital ECG Holter system



### PG-8 Plus

Designed for Windows XP® Platform, PG-8 Plus incorporates exclusive beat detection and arrhythmia analysis algorithm in conjunction with state-of-the-art digital technology to deliver unparalleled accuracy and reduced scanning time.

PG-8 Plus offers solutions for the private physician's office as well as multi-facility hospital installations, with 3-channel and 12-lead systems. Multiple Scanning Options: Retrospective, Prospective, and Superimposition scanning modes supported with traditional and advanced scanning options.



### Holter PG9800

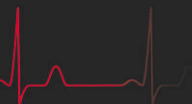
Compact size, light weight  
Fully programmable, high fidelity  
3 channels, 7-5 wire patient cable  
Powered by one AAA size battery  
Removable SD card  
Pacemaker detection

Two optional modes of ECG data transfer:  
connected directly with PC through USB  
connector embedded in the recorder, or by  
removable SD card  
128x64 dot matrix LCD display



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# PG-8 Plus

## PERFORMANCE SPECIFICATIONS

PG-8 Plus software offers all the tools needed to customize scanning for best results.

Multi View Displays for Heart Rate, ST and Ventricular Graphs combined with Full Disclosure and Full Scale ECG.  
True 3-12 Channel ECG Beat Detection and Analysis Algorithm for unparallel accuracy.  
True 3-12 channel ST Analysis.  
Comprehensive Morphology (template) editing to add, delete, label or declare artefact at the individual QRS level or editing of the entire Morphology class.  
Event and beats histograms  
Automatic Atrial Fibrillation Detection  
Atrial Fibrillation and Atrial Flutter editing  
R-R Interval Scatter gram (Lorenz plot)  
Circadian and 3D plots  
HRV in time and frequency domain  
QT Analysis  
Pacemaker Analysis  
Full Disclosure 24/48 Hour Recording Time  
Download Data Via Compact Flash Card or USB Cable  
Review ECG, Save to Hard Drive, Network or FTP  
Compatible with Windows XP® / Vista®

Report Formats include:  
Report Summary, Heart Rate Graph, Ventricular Graph and table, ST Graphs and tables, hourly summaries, scatter grams and plots.  
Automatic detected or Operator Selected Full Scale ECG in different configurations of Strips per page.  
Operator Selected Pages of Full Disclosure.  
Automatic Report Generation.  
12 Lead ECG  
The Final Report is totally customizable including the local language

PC System minimum recommended:  
Intel Pentium IV— 1.3GHz  
RAM 512 MB ( 1GB recommended )  
HD 20 Gbyte  
Monitor 1024x768 graphic resolution  
Operative System: Windows XP®  
Printer: laser printer  
Digital media reader system: USB also PCMCIA (ask for compatible recorders)

PC System suggested configuration:  
Intel Core 2 duo 2.4GHz  
RAM 2GB or above  
HD 80 Gbyte or above  
Monitor SVGA 1024x768 graphic resolution  
Operative System: Windows XP®  
Printer: laser printer  
Digital media reader system: USB also PCMCIA (ask for compatible recorders)

## HOLTER PG9800 SPECIFICATIONS

Compact size, light weight. Fully programmable, high fidelity 3 channels, 7-5 wire patient cable. Powered by one AAA size battery  
Removable SD card  
Pacemaker detection  
Two optional modes of ECG data transfer: connected directly with PC through USB connector embedded in the recorder, or by removable SD card  
128x64 dot matrix LCD display

### FUNCTIONAL

Channels : 3 Channel Recording  
Resolution : 8,10,12, 16 bit Sampling  
Recording : Full Disclosure, No Data Compress.  
Data Transfer : Embedded USB connector or Removable SD card  
Sample Rate : 128-1024 Samples Per Second  
Frequency Response: 0.05Hz to 60Hz @ -3dB  
ECG Signal Verification: LCD at Hook-up or on Demand

### MEMORY

Recording Time : 24, 48 Hours or 7 days  
Type : Nonvolatile, SD card  
Capacity :Up to 2048MB (Removable)

### PHYSICAL

Dimensions : 2.68" x 2.08" x 0.63"  
Weight with Batteries : 1.484 oz  
Enclosure : Molded Plastic / Water Resistant  
Operating Position : Belt clip, lanyard

### ELECTRICAL

Gain Settings : 1/2x, 1x and 2x  
Connector : 26 Pin Low Profile  
Patient Cable : 7 Wire Integrated Cable  
5 Wire Integrated Cable

### ENVIRONMENTAL

Operating Temperature 0° C (32° F) to 45° C (113°F)  
Non-operating Temperature -20° C (-4° F) to 65° C (149° F)  
Operating Humidity 10% to 95% (Non-condensing)  
Non-operating Humidity 5% to 95% (Non-condensing)

### BATTERY

Type (1) AAA Alkaline  
Life: 24 Hours or up to 7 days  
Patient cable: 10 Wire integrated cable  
Recording time: 24-48 hours

### AVAILABLE VERSIONS:

- PG-8 Plus ( 3 channels recorder )
- PG-8 Plus 12 ( 12 channels recorder )



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