

# Standalone Performance

## for affordable advantage

The PageWriter Trim I cardiograph has been specifically developed to meet the needs of cost-conscious users without compromising 12-lead quality or sophistication.

### Compact and convenient

The PageWriter Trim I is an easy-to-use, stand-alone cardiograph designed to produce quality, high-resolution ECG printouts at the point of care. Compact enough to be practical for virtually any busy working environment, the PageWriter Trim I is configured with a cart for easy transport, complete with a tray to keep supplies and accessories conveniently at the user's fingertips.

Also, a trim knob allows users to quickly set such parameters as time, patient gender and age. The new digital Patient Interface Module (PIM) incorporates a color-coded lead diagram on the module, with leads intuitively arranged for quick, easy identification. In addition, each lead wire can be individually removed and replaced to help minimize maintenance costs.

### Leading-edge 12-lead performance

What's more, the PageWriter Trim I is available with the leading-edge interpretive capabilities of the Philips 12-Lead Algorithm (optional),

providing such breakthroughs in pediatric and adult assessment as improved pacemaker pulse classification and fast, accurate detection of ST Elevation Acute Myocardial Infarction (STEMI).

This unique combination of performance and economy helps the PageWriter Trim I set a new standard for cardiograph quality and value.



Quickly set patient age and gender.

## Technical Specifications

### ECG Acquisition

- AUTO (12 leads)
- RHYTHM (3 and 6 pre-set lead selections)

### Display

- 40x2 LCD character display with 5\*8 dot character resolution

## Signal Processing/Acquisition

### Sampling Rate

- 2000 samples per second per electrode/lead. 24-bit A/D conversion provides 5 $\mu$ V resolution.

### Auto Frequency Response

- 0.05-150 Hz, 0.15-150 Hz, 0.5-150 Hz, 0.05-100 Hz, 0.15-100 Hz, 0.5-100 Hz, 0.05-40 Hz, 0.15-40 Hz, 0.5-40 Hz

### Rhythm Frequency Response

- 0.05-150 Hz, 0.15-150 Hz, 0.05-100 Hz, 0.15-100 Hz, 0.05-40 Hz, 0.15-40 Hz

### Filters

- AC
- Artifact
- High and low pass

### Printer Resolution

- High-resolution, digital-array printer using thermal-sensitive paper
- 200 dpi (voltage axis) by 500 dpi (time axis) at 25 mm/sec

### Report Formats

- 3x4, 1R
- Rhythm (3 and 6 pre-set lead selections)

### Battery Capacity

- Typically 40 ECGs on a single charge or 30 minutes of continuous rhythm recording
- No fail operation during ECG printing

### Battery Recharge

- Eight hours to full capacity

## Power and Environment

### Line Power

- 100-240 Vac, 50/60Hz, 65 VA max

### Environmental Operating Conditions

- 10° to 40°C (50° to 104°F)
- 15% to 80% relative humidity (non-condensing)
- Up to 4,550 m (15,000 ft.) altitude

### Environmental Storage Conditions

- 0° to 50°C (0° to 122°F)
- 15% to 90% relative humidity (non-condensing)
- Up to 4,550 m (15,000 ft.) altitude

### Cardiograph Dimensions

- 388 x 310 x 106 mm (15.3 x 12.2 x 4.2 in)

### Cardiograph Weight

- 6.95 kg (15.3 lb): Includes battery, patient module, lead wires, alligator clips, electrode pack and paper pack.

### Patient Interface Module

- Remote, microprocessor-controlled, high-resolution module

## Safety & Performance

Meets the following requirements for Safety and Performance:

- IEC 60601-1: 1988 +A1:1991 +A2:1995 General Requirement for Safety
- IEC 60601-1-2: 2001 General Requirements for Safety for Electromagnetic Compatibility
- IEC 60601-2-25: 1993 + A1:1999 Safety of Electrocardiograms
- UL 2601-1: 1997 US General Requirements for Safety
- CAN/CSA-C22.2 No. 601.1-M90 S1:1994 B: 1996
- AAMI EC11 1991: Diagnostic Electrocardiographic Devices
- CISPR11: 1997 + A1:1999 + A2:2002 Radio Frequency Disturbance, Limits and Methods of Test Group 1 Class B
- JIST 1202: 1998 Japanese Industrial Standard for Electrocardiographs



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