



The **Philips PageWriter 200 and 300pi** are part of an economical family of standard EKG systems. The Pagewriter 200 and 300pi systems offer standard cardiographic readings through 12-lead ECGs. The systems can provide a quick preview on the display screen before printing a full page of the EKG reading. The Pagewriter EKG system is easy to use with an alphanumeric keyboard and built-in ECG analysis reporting. The system can measure and analyze a statement within minutes, which can help make critical decisions faster.

## Features

- Simultaneous acquisition of up to 12-leads
- Real-time and continuous recordings of 3, 6, or 12 channels
- Recording speeds of 5, 10, 25, or 50 mm/sec for capturing multiple levels of details
- ACI-TIPI helps predict the probability of acute cardiac ischemia
- TPI helps identify patients having an acute myocardial infarction (AMI) who might benefit from thrombolytic therapy
- Automatic interpretation of ECG data using clinically proven algorithm
- Adult and pediatric analysis programs standard
- Full-page English (A size) or metric (A4 size) reports for convenient reading and filming
- Color-coded operation keys make learning almost intuitive
- Dedicated function keys (ID, Filter, Copy, Speed, etc.) for the frequency used operations
- Easy-loading allows fast, hassle-free paper replacement



# Specifications

## Dimensions

Length: 15.3 in (39 cm)  
Width: 17 in (44 cm)  
Depth: 3.9 in (11 cm)  
Weight: 18.8 lbs (8.5 kg)

## Display

240 x 128 pixel STN (Super Twisted Nematic) high contrast liquid crystal display for ECG preview. The display operates at 16 lines by 40 columns for operator interaction.

## ECG/EKG Format Selection

Auto (3x4 with 0, 1, or 3 rhythm leads; or 6x2)  
Manual (with 3, 6, or 12 leads)

## Power and Environment

Line Power: 100-120 or 220-240 V ac selectable; 50/60 Hz, 50 VA  
Environmental Operating Conditions: 10° to 40°C (50° to 104°F), 15 to 80% relative humidity, noncondensing, to 4,550 m (15,000 ft) altitude  
Environmental Storage Conditions: 0° to 50°C (32° to 122°F), 15 to 90% relative humidity, noncondensing, to 4,550 m (15,000 ft) altitude

## Signal Processing/Recording

Frequency Response: Selectable as follows: (PageWriter 100)  
Auto: 0.15-150 or 0.15-40 Hz  
Manual: 0.05-150 or 0.05-40 Hz  
Frequency Responses: Selectable for both auto and manual from these ranges  
0.05-150, 0.15-150, 0.5-150 Hz  
0.05-100, 0.15-100, 0.5-100 Hz  
0.05-40, 0.15-40, 0.5-40 Hz  
Filters: Noise filter. On/off capability  
Power line filter always enabled  
Configurable baseline wander, noise, and artifact filters  
Standardization: 1 mV  $\pm$  50  $\mu$ V, 200 ms  $\pm$  4 ms at 10 mm/mV, 25 mm/sec  
Common Mode Rejection: 110 dB or greater at power line frequency in any lead with 51KOhms in parallel with 0.047  $\mu$ F electrode impedance imbalance and up to  $\pm$ 300 mV dc offset in any lead wire.  
DC Offset Capability:  $\pm$  300 mV dc at patient input  
Input Bias: Less than 40 nA per input wire; less than 500 nA for Right Leg drive output. Input  
Impedance: Greater than 15 MOhm at dc; typically greater than 100 MOhm at dc  
Recording Technique: High-resolution, digital-array printer using thermal-sensitive paper  
200 DPI (voltage axis) by 500 DPI (time axis) — 250 DPI (time axis) at 50 mm/sec

