

# the high productivity medical monitor

A high-resolution, fast response display designed to meet the exacting requirements of healthcare professionals, the EN/IEC 60601-1 certified Philips 200P4MG gets the job done without interfering with sensitive medical instruments.

#### Best total cost of ownership solution

- EN/IEC 60601-1 certified for medical environments
- The lower power consumption than industry average
- Kensington anti-theft lock secures monitor against theft

#### Outstanding front of screen performance

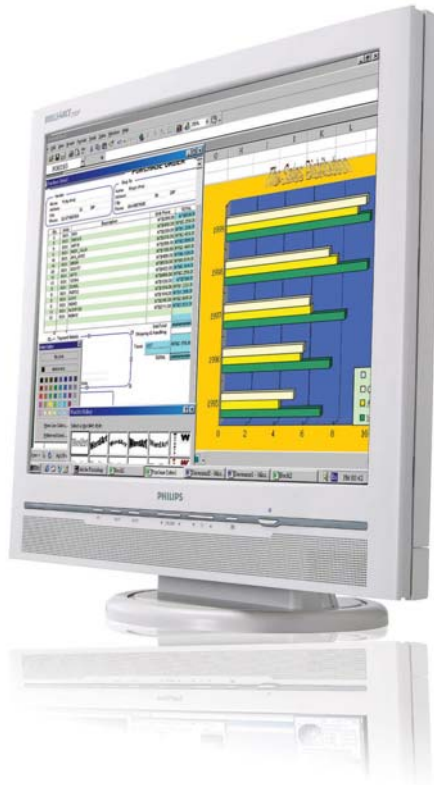
- UXGA, 1600x1200 resolution for sharper display
- Fast response time capable of handling fast moving pictures
- sRGB ensures color matching between display and printouts
- Dual Input accepts both analog VGA and digital DVI signals
- Auto adjustment for perfect picture display with one touch

#### Maximum comfort for maximum productivity

- Large viewing area for seeing more images without scrolling
- Screen tilt and swivel adjustment for ideal viewing angle

#### Multi-function for ultimate convenience

- Audio speakers built into a display device without clutter
- Easy plug and play DVI ensures true digital experience
- Cable management for a tidy work space



# 20 inch LCD Monitor

## Commercial Specifications

### Picture/Display

- LCD Panel Type 1600 x 1200 pixels, Anti-glare Polarizer, RGB Vertical Stripe
- Panel Size 20.1" / 51 cm
- Effective Viewing Area 408 x 306 mm
- Pixel Pitch 0.255 x 0.255 mm
- Brightness (nits) 250
- Contrast Ratio 400:1
- Display Colors 16 M
- Viewing Angle (C/R > 10) - Horizontal : 176°  
- Vertical : 176°
- Response Time 16 ms
- White Chromaticity, 6500° K  $x = 0.313$  /  $y = 0.329$
- White Chromaticity, 9300° K  $x = 0.283$  /  $y = 0.297$
- Maximum Resolution 1600 x 1200 @ 60Hz
- Recommended Resolution 1600 x 1200 @ 60Hz
- Factory Preset Modes 15 modes
- User Definable Modes 37 modes
- Horizontal Scanning Frequency 30 - 94 KHz
- Refresh Rate (V) 56 - 85 Hz
- sRGB Yes

### Connectivity

- Signal Input Analog (VGA), DVI-D, PC Audio in
- Audio Output Stereo Audio (3.5 mm Headphone Jack) x1

### Convenience

- Built-in Audio 2W RMS x 2 Stereo Speakers
- Convenience Enhancements On-screen Display
- Monitor Controls Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume Control, Input, Size
- OSD Languages English, French, German, Italian, Simplified Chinese, Spanish
- Other Convenience Features Kensington Lock
- Plug & Play Compatibility DDC/CI, Windows 98/ME/2000/XP
- Regulatory Approvals CE Mark, FCC-B, UL, CSA, MPRII, NUTEK, Energy Star, SEMKO, TCO'03, TÜV/GS, TÜV-Ergo EN/IEC60601-1
- Swivel +/- 175°
- Tilt -5° to 25°
- VESA Mount 100 mm x 100 mm

### Accessories

- Included Accessories AC Power Cord, PC Audio Cable, VGA Cable, DVI-D Cable
- Optional Accessories Video Module, Super Ergo Base

### Dimensions

- Depth (with base) 220 mm
- Height (with base) 459 mm
- Width (with base) 488 mm
- MTBF 50,000 hrs
- Relative Humidity 20 % - 80 %
- Temperature Range (Operation) 5°C to 35°C
- Temperature Range (Storage) -20°C to 60°C
- Weight 7.5 kg

### Power

- Complies With Energy Star, NUTEK
- Consumption 50 W (Typical)
- Off Mode 1.5 W
- Power LED Indicator Operation, Blue; Stand by/Sleep, Amber
- Power Supply Built-in

## Product Highlights

### Medical grade (EN/IEC 60601-1)

EN/IEC 60601 is an international standard for medical equipment published by Technical Committee of the International Electrotechnical Commission, the leading global organization that prepares and publishes international standards for all electrical, electronic and related technologies. Sections of the standard govern general safety and electronic emissions. Compliance with stringent Medical Electrical Safety Standards (IEC 60601-1 / EN 60601-1) and Medical ECM Standards (IEC 60601-1-2, EN 60601-1-2) for medical monitors is a must for hospital equipment.

### Lower power consumption

Reduction of the electrical power required to operate a device.

### Kensington anti-theft lock

A security device that fixes the monitor in place to prevent theft.

### UXGA, 1600 x 1200 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1600-by-1200 pixel screen is capable of displaying 1600 distinct dots on each of 1200 lines, or about 2 million pixels. This ensures a better display performance and accurate color display effect.

### Fast response time

The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and, therefore, result in fewer visible image artifacts.

### sRGB ready

Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

### Dual Input

Connectors to accommodate input of both analog VGA and digital DVI signals.

### One touch auto adjustment

The auto adjustment key restores optimal screen position, phase and clock settings with the press of a single button - without navigation through OSD menus and control keys.

### Large viewing area

The visible portion of a monitor screen available to display data.

### Screen tilt and swivel

Movement of a screen to attain the ideal viewing angle.

### Built-in Speakers

Audio speakers built into a display device.

### In-box DVI cable

A DVI cable is shipped with product.

### Cable management

A system that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

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Release date: August 2004  
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