

## PVM-14N5MDE (PAL/NTSC/SECAM/NTSC<sub>4.43</sub>)

### Colour Video Monitor for medical use

- High resolution of 500TV lines with Sony Trinitron® CRT
- Stable colour reproduction with Beam Current Feedback Circuit
- Loop-through Y/C and composite video inputs
- Complies with world-wide EN 60 601-1, UL 2601-1 and CSA 601.1 safety regulations
- Ground earth terminal for safety
- Supplied with side covers
- Accepts PAL, NTSC, SECAM and NTSC<sub>4.43</sub> signals
- On-screen menu with a choice of five languages to facilitate monitor adjustment/setting
- Built-in speaker for audio monitoring

Supplied accessories:	AC power cord (1) Side covers (2) Instructions for use (1)
Optional accessories:	Rack mounting bracket kit MB-502B Slide rail kit (used with the MB-502B) SLR-102

### Specifications

#### General

System:	PAL/NTSC/SECAM/NTSC <sub>4.43</sub> automatically selected
Power requirements:	100 to 240V, 50/60Hz
Power consumption:	80W
Dimensions:	346 (13 <sup>5</sup> / <sub>16</sub> ) × 340 (13 <sup>3</sup> / <sub>16</sub> ) × 414 (16 <sup>1</sup> / <sub>16</sub> ) mm
Mass:	15 kg (33 lb 1 oz)
Operating temperature:	0 to 40°C (32 to 104°F)
Storage temperature:	-10 to 40°C (14 to 104°F)
Operating humidity:	30 to 85% (no condensation)

#### CRT Performance

CRT type:	370 mm (14-inch) Trinitron CRT with P-22 phosphors, visible picture size 332 mm (13-inch) (min.) measured diagonally
Resolution:	500TV lines
Colour temperature:	D65

#### Picture performance

Normal scan:	7% overscan
Linearity:	H: less than 8% V: less than 7%

#### Input performance

##### Video

LINE A*1	Composite: Loop-through BNC 1Vp-p+3dB-6dB, sync negative automatic 75Ω termination*2 Y/C*1: Loop-through 4-pin mini DIN Y: 1Vp-p+3dB-6dB, sync negative automatic 75Ω termination*2 C: 0.3Vp-p (PAL) or 0.286Vp-p (NTSC), automatic 75Ω termination*2
LINE B*1	Composite: BNC 1Vp-p+3dB-6dB, sync negative, 75Ω Y/C*1: 4-pin mini DIN Y: 1Vp-p+3dB-6dB, sync negative, 75Ω C: 0.3Vp-p (PAL) or 0.286Vp-p (NTSC), 75Ω
Frequency response:	6MHz (±3dB)

##### Audio

LINE A	Loop-through phono -5dBu, high impedance
LINE B	Phono -5dBu, high impedance

0dBu=0.775 V rms

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