

SONY

Multiscan 20se II
A New Dimension in Display



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A large viewing area, stylish design, bright colours and sharp pictures - what more could today's discerning user ask for? The Multiscan 20se II offers high resolution and refresh rates while conforming to the latest ergonomic standards. For users requiring a 20" screen for multiple applications, graphics, photos and much more, the solid assurance of Sony Trinitron technology makes the Multiscan 20se II the monitor of choice.

Unrivalled Trinitron Technology - 0.25 mm Pitch in 20" CRT

The Multiscan 20se II is one of the few 20" monitors offering a 0.25 mm pitch - which means that colours remain as bright and pure as on smaller screens. Picture quality is uniform with Sony Trinitron technology - one hundred million Trinitron displays sold worldwide is ample proof of the Sony advantage.

Digital Multiscan for Perfect Images

Sony has created an intelligent monitor containing dedicated circuitry that adjusts image parameters automatically, eliminating geographic distortion. Digital Multiscan is the system within the 20se II that uses an internal CPU and ASIC to correct image distortions - such as pincushion balance. Responding to signals from the graphics card, the monitor determines the incoming video frequency and quickly performs all necessary adjustments. So distortion free images appear automatically, at any given resolution.

Precision Control with On-Screen Display



The Multiscan 20se II offers quick and precise control of a range

of image parameters including size, centering and colour temperature thanks to a new on-screen display panel. These user-friendly controls make light work of picture adjustment, showing exact current settings and allowing digitally precise adjustments - at a glance.

Windows 95 Users Need Plug and Play

With the Multiscan 20se II, Windows 95 users can enjoy true plug and play functionality - simply plug in the display to your PC and start to use it straight away. The 20se II offers Display Data Channel (DDC) compatibility, a new standard which allows the monitor to convey important information about itself to a DDC compatible graphics card. Automatic adjustments are then made based on signals from the monitor which make best use of the display - without any user input.

Magnetic field compensation

Because of the effects of the earth's magnetic field and the exceptionally fine 0.25 mm Trinitron pitch, special attention has been given to beam landing. Sony engineers have developed compensation circuitry to cancel the effects of beam mislanding for a uniform picture quality without distortion.



TCO 95 compliance

The Sony Multiscan 20se II is proof of the company's commitment to environmental monitor safety. It conforms to TCO 95 guidelines, currently among the strictest monitor safety guidelines in existence.

In addition to the exacting power saving and emission regulations laid down by TCO 92, TCO 95 sets a number of stringent ergonomic and environmental standards. It requires that certain compounds and substances which are hard to recycle are not used during production or within the monitor itself. All these regulations add to the 20se II's recycling capabilities.

MAIN SPECIFICATIONS

MODEL CODE	GDM-20SE2T5
CRT	Super Fine Pitch™ Trinitron® tube; 20" (53 cm).
VISUAL AREA	387 mm x 292 mm
APERTURE GRILLE PITCH	0.25 mm
HORIZONTAL SCAN RANGE	30 to 96 kHz
VERTICAL SCAN RANGE	48 to 160 Hz
MAXIMUM REFRESH RATES	1024 x 768/120 Hz 1280 x 1024/90 Hz 1600 x 1200/76 Hz 1600 x 1280/72 Hz

PRESET GRAPHICS MODES

VGA Graphics	640 x 480/60 Hz	Mac16"	832 x 624/75 Hz
VGA Text	720 x 400/70 Hz	Mac19"	1024 x 768/75 Hz
VESA	640 x 480/85 Hz	Mac 21"	1152 x 870/75 Hz
VESA	800 x 600/85 Hz	VESA	1280 x 1024/85 Hz
VESA	1024 x 768/85 Hz	VESA	1600 x 1200/75 Hz

COLOUR TEMPERATURE CONTROL

User variable colour presets: (RGB control)	5000 K 6500 K 9300 K
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COMPUTER INTERFACE DDC 1, DDC 2B and DDC 2AB*

POWER CONSUMPTION 150 watts (maximum)

POWER MANAGEMENT TCO 95 (NUTEK), EPA Energy Star VESA - Display Power Management Signalling (DPMS)

REGULATION COMPLIANCE

SAFETY

UL1950, CSA C22.2 No. 950, CE Mark (EN60950), SEMKO, NEMKO, DEMKO, EI

RADIATION/EMI

TCO 95, MPR II, FCC Class B, IC Class B, VCCI-2, CE Mark (EN55022-B, EN60555-2, EN50082-1)

X-RAY

DHHS, DNHW, PTB

ERGONOMICS

TCO 95, TÜV/Rheinland Ergonomie, ISO-9241-3

FRONT PANEL CONTROLS (ON-SCREEN DISPLAY ASSISTED)

Brightness, Contrast, Horizontal size and centering, Vertical size and centering, Pincushion distortion, Cancel moiré, Horizontal convergence, Vertical convergence, Control panel lock, Raster rotation, Colour temperature, Video input selection

VIDEO INPUT	D-sub 15/BNC
POWER REQUIREMENTS	100-120/220-240 V AC, 50/60 Hz
DIMENSIONS (W x H x D)	472 mm x 493.5 mm x 501 mm
WEIGHT	30 kg
OPERATING TEMPERATURE	10° to 40° C
RELATIVE HUMIDITY RANGE	10 to 80 % (operating)
SUPPLIED ACCESSORIES	VGA (D-sub 15) to VGA (D-sub 15) cable. AC power cord. Non-DDC2AB adaptor.
MANUAL	English, French, German, Spanish, Italian
PACKAGING	Ozone-friendly materials Fully recyclable container

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* Please check with your PC supplier/graphics card manufacturer that your