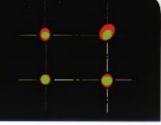# DIAMOND SCAN® 20H.

AN AUTO-SCANNING MONITOR OFFERING OUTSTANDING PRICE PERFORMANCE FOR HIGH END CAD/CAM/CAE APPLICATIONS.

The Diamond Scan 20H features Dynamic Beam Forming to enhance and improve screen resolution, maintain beam focus from center to edge, and increase corner resolution. With DBF, pixel shape is corrected (green) to reduce elliptical distortion found at the edges (red) in monitors without this feature.

The Diamond Scan 20H is a high performance 20" (18.6" diagonal viewable image) model offering the latest advances in monitor design, including a high contrast CRT and Digital Chassis. The Diamond Scan 20H is the perfect solution for CAD/CAM/CAE, desktop publishing or graphic design.

- Incorporates Mitsubishi's new Digital Chassis design
- High contrast, optical-quality, anti-static, anti-glare CRT coatings
- Includes a universal Apple® Macintosh® adapter and a coupon for two value-added software kits in each box (Note: Free software coupon offered in the U.S.A only)
- Utilizes more advanced performance features such as On-Screen Display (OSD), one-button Auto Calibration, Moiré Cancellation, rotation and purity controls
- Backed by Mitsubishi's Diamond Edge: Dedicated corporate sales force; three-year limited warranty; Corporate Partners Program and nationwide service centers.

Designed for
Microsoft Windows 95
Mac™ OS

MITSUBISHI ELECTRONICS

CORPORATE PARTNERS
MITSUBISHI
DISPLAY PRODUCTS

DIGITAL ♦ CHASSIS ♦ DESIGN

The Diamond Scan 20H is a high performance 20" (18.6" diagonal viewable image) color monitor that combines Mitsubishi's proven advanced focus CRT with a new Digital Chassis for exceptionally accurate display characteristics.

- Compatible with all IBM®, UNIX, Apple Macintosh, Power Macintosh and high resolution third-party graphics standards
- 1600 x 1200/65 Hz non-interlaced resolution including all new high refresh standards
- MPU-based 30 to 82 kHz auto-scan range
- Ultra-fine 0.28 mm dot pitch with Invar Mask CRT
- High contrast anti-reflective, anti-static and anti-glare CRT coating
- Incorporates Mitsubishi's new Digital Chassis design for enhanced adjustment capabilities, an improved feature/cost ratio and a more compact enclosure
- Utilizes more advanced performance features such as On-Screen Displays (OSD), one-button Auto Calibration, Moiré Cancellation, rotation and purity controls
- Coupon included in box for free Diamond Control computer-controlled display adjustment software kit and DiamondMatch Color Calibrator Kit. Note: *Free software coupon offered in the U.S.A. only.*
- Meets MPR-II emission, EPA Energy Star, DPMS and NUTEK power management standards
- Dual input switching regardless of platform
- Signal cable included with free Apple universal adapter

RESOLUTION REVOLUTION℠

SPECIFICATIONS	FEATURES	BENEFITS
CRT Size	20" (18.6" diagonal viewable image)	Excellent for CAD/CAM/CAE, desktop publishing and graphic design.
Phosphor Pitch	0.28 mm/Invar Mask	Ultra-fine dot pitch for all high resolution applications.
CRT Faceplate Glass	High contrast, optical quality, anti-static and anti-glare CRT coating	Minimizes reflected ambient light. Allows high resolution images to retain their intended vibrancy and clarity.
Display Area Size* (W x H)	15.1 x 11.4" (385 x 290 mm)	Digital Chassis design results in large display area size in a compact enclosure. *(Recommended, but adjustable)
Resolution (H x V Pixels)	1600 x 1200/65 Hz NI	Compatible with all IBM, UNIX, Apple Macintosh, Power Macintosh and high resolution third-party graphics standards.
Auto-Scan Range	H: 30 - 82 kHz V: 50 - 152 Hz	Monitor will automatically "lock on" to any RGB analog signal within its wide operating range.
Scan Mode Memory With On-Screen Display	Microprocessor-based	Stores custom and pre-calibrated parameters for up to 28 different modes.
Diamond Match Color Calibration System	3 position (9300°, 6500° and 1 user definable)	Permits custom set-up of on-screen color balance for desktop publishing, broadcast video graphics, and other color critical applications.
Video Bandwidth	135 MHz	Precise display of pixels at the higher resolutions.
Input Signal	Analog RGB; TTL H/V and C sync	Separate, composite or sync on green.
Signal Cable	1.5 m length (approximately)	VGA-compatible signal cable included.
Cable Accessories	Universal Macintosh adapter included	
Software Kits** (Windows or Macintosh)	Diamond Control	Computer-controlled display set up adjustments and self-sufficient power management system.
	DiamondMatch Color Calibrator Kit	Provides accurate on-screen printer output color management.
Power Requirements	100 - 120 or 220-240 VAC; 50/60 Hz	Auto-sensing all-world power compatibility.
Power Consumption	150 W (approx.)	Low power consumption.
Power Cord	1.5 m U.S. version cord with 3P plug	Included/detachable.
Compact Tilt/Swivel Base	Integrated with monitor	Viewing angle is adjustable for user comfort.
Dimensions (W x H x D)	19.6 x 19.29 x 19.21" (500 x 490 x 488 mm)	Digital Chassis design results in a more compact enclosure with lighter total weight.
Weight	64.9 lbs. (29.5 kg)	
Packing Carton (W x H x D)	24.0 x 24.4 x 23.8" (610 x 620 x 605 mm)	
Shipping Weight	74.8 lbs. (34 kg)	
Regulatory Approvals	UL/CSA/DHHS/HWC/ FCC-Class A/MPR-II/ISO 9001/ ISO 9241-3	Electrical safety/x-radiation/EMI-RFI. Complies with USA/Canadian standards. Low magnetic emission design. Meets ISO 9001 quality standards.
Plug and Play	DDC2B	Easy to install and use
Power Management	Energy Star, DPMS and NUTEK	Save energy and resources when used on compatible systems.
Warranty/Support	Three years parts and labor limited warranty	Protected investment with guaranteed lower cost of ownership.
Corporate Partners Program	Available to qualifying accounts only	48 hour warranty exchange for qualifying accounts.

For more information on the Diamond Scan 20H or any of Mitsubishi's other 15" to 42" (13.8" to 40.0" diagonal viewable image) color monitors, call the office nearest you today. Detailed technical specifications available upon request.
Monitor part number: FR8905SKHK

**Coupon for Diamond Control and DiamondMatch Color Calibration Kit included free of charge in each box.
Note: Free software coupon offered in the U.S.A. only.

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Irving, TX (972) 929-0046
Mt. Prospect, IL (847) 298-9223
Norcross, GA (770) 613-5845
Sunnyvale, CA (408) 730-5900
Woburn, MA (617) 937-4300

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Mitsubishi Electric Sales Canada Inc.
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