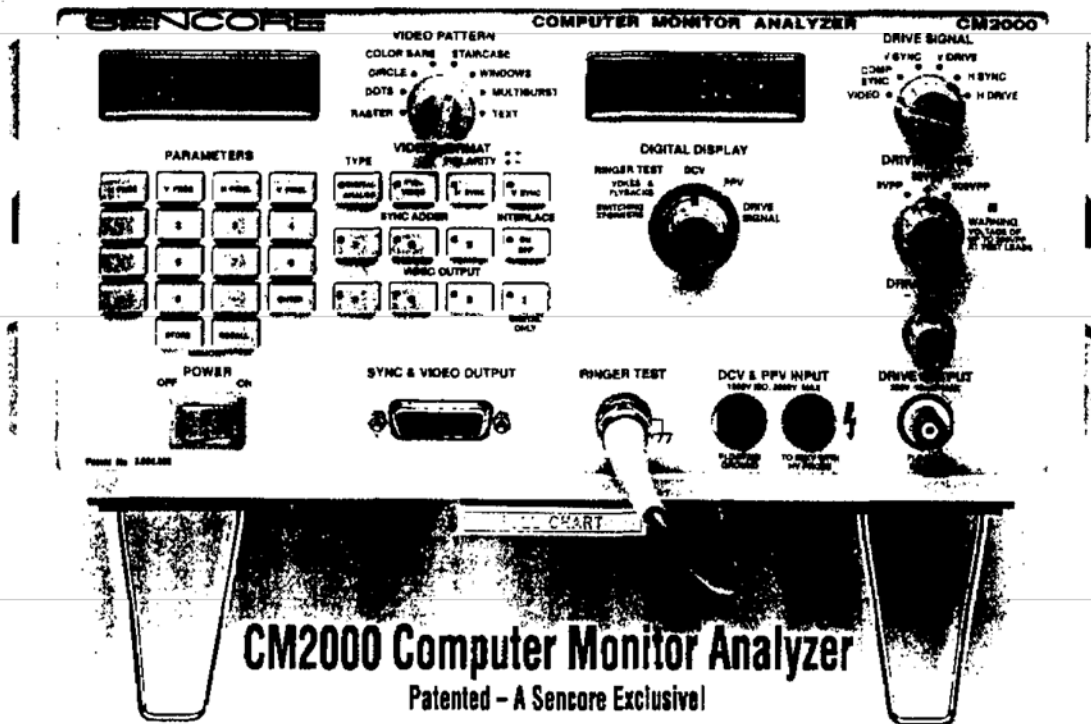


Completely Test And Troubleshoot All High Resolution And Multi-Scan Computer Monitors From The Input Connector To The CRT . . . Guaranteed!

New!



CM2000 Computer Monitor Analyzer
Patented - A Sencore Exclusive

Complete And Easy-To-Use High Resolution Computer Monitor Analyzer - Now You'll Have An Effective Way To Troubleshoot All Computer Monitor Formats.

Fully Programmable Sync And Pixel Generator - Provides You With The Signals For Analyzing All Computer Monitor Types.

Innovative Video Pattern Generator - Identify All Monitor Defects From Bandwidth To Purity In Less Than 60 Seconds.

Special Sync-Locked Substitute Signal Analyzer - Pinpoint All Monitor Circuit Defects While Watching The CRT.

Patented "Ringer" And High Voltage Multiplier Tester - Dynamically Analyzes Even A Single Shorted Turn In All:

- Yokes
- Integrated High Voltage Transformers (IHVT)
- Switching Transformers

Integrated 2,000 DCV And PPV Meter - Eliminates The Need For An Additional DVM For Complete One-Unit Troubleshooting.

Exclusive Hook-Up Connectors - Available For All Popular Computer Monitor Inputs — Solves Custom Wiring Hassles.

Portable, Lightweight, And Compact For All Your Field Service Needs - Now, You Can Take The Unit With You On All Service Calls.

For More Information, Call 1-800-SENCORE (736-2673)

COMPUTER MONITOR ANALYZER SPECIFICATIONS

Outputs:

Bandwidth: 98 MHz
Horizontal pixel resolution: 80-1024 pixels
Vertical pixel resolution: 80-1024 pixels
Horizontal scan frequency: 10-250 kHz
Vertical scan frequency: 10-250 Hz
Output type: TTL or analog
TTL Level: 5 VPP
Analog Level: 1VPP
Mode selection: Interlaced or non-interlaced
Gun selection: RGBI
Sync adder: RGB
Polarity selection: Video, H-Sync, V-Sync

Sync Timing:

The CM2000 recognizes common computer monitor formats and automatically adjusts for the correct sync, back porch, and front porch timing.

Sync timing parameters can be changed through the IEEE-488 or RS232 interface buses.

Memory:

60 computer monitor setup storage locations

Video Patterns:

Raster
Dots
Circle
Color Bars
Staircase
Windows
Multiburst
Text

Drive Signals:

Output at full level: 3 V range:
3 VPP, ± 0.5 V into 100 ohms
30 V range: 30 VPP, ± 5 V into 100 ohms
300 V range: 300 VPP, ± 50 V into 10,000 ohms
Clipping: None up to 250 VPP typical
Protection from externally applied voltage: ± 500 V (DC + peak AC)
Floating ground (-) Isolated by ± 500 V (DC + peak AC)

External VPP:

3 ranges (auto-ranged): 0.0 - 19.9 VPP, 20 - 199 VPP,
200 - 1999 VPP
Accuracy: (All) $\pm 1\%$, ± 2 counts
Frequency response: 0 - 200 V, 30 Hz to 5 MHz,
 ± 1 dB from the average value across the band
Input impedance: 15 Megohm

External VDC:

3 ranges (auto-ranged): 00.00 - 19.99 V DC, 20.0 -
199.9 V DC, 200 - 1999 V DC
Accuracy: (All) $\pm 0.5\%$, ± 2 counts
Input Impedance: (Without probe) 15 Megohm

Meter Protection:

2000 V DC (DC + peak AC), across the inputs
Maximum voltage between (-) lead and ground: 1500
(DC + peak AC)

Ringing Test:

Dynamic test of coil Q determined by counting the number of ringing cycles before reaching a preset damping point. The preset damping point is set at 25% of the excitation pulse. The number of cycles is displayed on the digital display and continually updated.

General:

Digital meters: 3 1/2 digit, LCD readout digital display: LCD readout
Guaranteed operating temperature: 15-35 degrees C
Size: 6" x 12" x 14.3" (HWD)
Power: 105-125 VAC, 60 Hz, 140 W max.

Supplied Accessories:

Test lead, BNC to EZ hook probes
Test lead, 72" banana-probe, red
Test lead, 72" banana-alligator, black

Optional Accessories:

Extension Cable
Universal Connector
Connector #1 (CGA, MDA & Hercules)
Connector #2 (EGA)
Connector #3 (PGC)
Connector #4 (VGA)
Connector #5 (Apple/Mac)
Connector #6 (BNC Cable)
IB72 IEEE-488 Interface Accessory
IB78 RS232 Interface Accessory
PC263 Protective Cover
HP200 50 kV High Voltage Probe
TP212 10 kV Transient Protector Probe

SENCORE

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