

**Now There's A
Solution That
Will Improve
Your Servicing
Efficiency On
All Monitors!**



**CM2125
Computer Monitor
Analyzer**

You Can Make Better Profits In Computer Monitor Servicing!

There's definitely more to servicing computer monitors than simply checking a couple of test points and changing parts. When you've committed yourself or your business to computer monitor servicing, you're forced to deal with high frequency video, multiple formats, and customers who demand fast turn-around. Yet, you need to make a profit for your business to exist.

How can you meet all these challenges? Until now, you've probably been forced to use existing test instruments that simply don't provide the troubleshooting advantages a technician needs to be completely successful. If you're like other technicians, you've been using a wide variety of products when attempting to service these high-tech monitors, which may include:

Multiple Computer Cards - which can be costly since (typically) a separate card is required for each monitor type and can easily be damaged by a defective monitor. Plus, computer cards won't help a technician isolate bad circuits.

RGB Generators - may provide a pattern after extensive set-up, but do nothing to help with defective circuits or components.

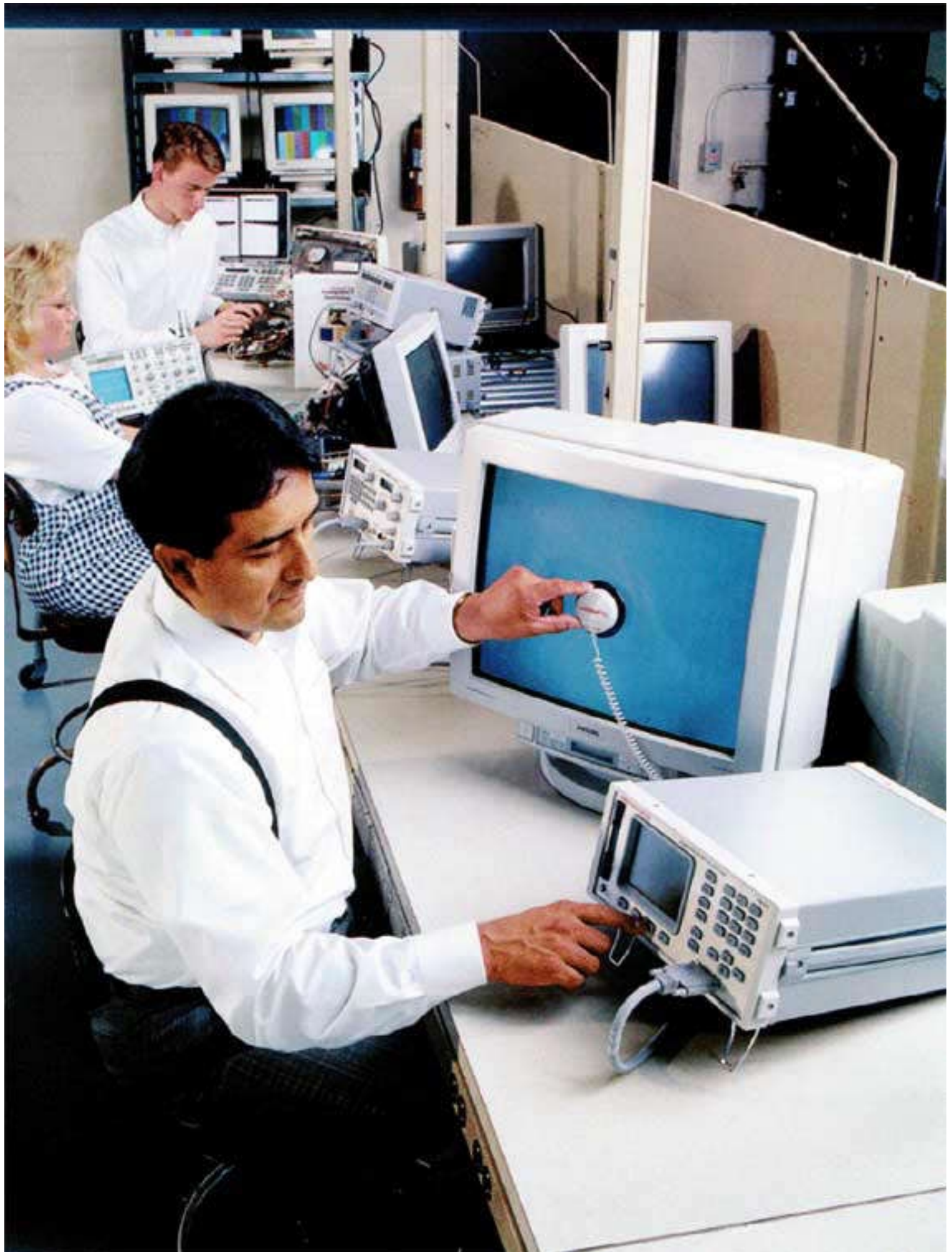
Other monitor testing methods only take you as far as putting a pattern on the CRT. They simply are not designed to help the technician repair a defective monitor.

Monitor servicers admit they often need more than what existing generators provide:

- They need a complete trouble-shooting tool,
- They need an instrument that incorporates all the tests and benefits that would allow them to isolate any defect, and
- They need an instrument that could be operated fresh from the box and without extensive learning periods.

We've designed the best possible answer to monitor servicing challenges and we know you'll think so as well.

Call 1-800-SENCORE



We've Successfully Integrated All The Features Necessary For Complete Computer Monitor Servicing Into One Easy-To-Use Instrument!

You'll Get A:

- Complete and easy-to-use high resolution computer monitor analyzer that helps you efficiently troubleshoot and performance test computer monitors from the input connector to the CRT
- A fully programmable sync frequency and pixel resolution RGB video generator
 - bandwidth to 125 MHz and 2048 x 2048 pixels
 - compatible with TTL, analog and ECL video tapes
 - 70 monitor setup memory locations (42 preprogrammed)
- Innovative performance test pattern generator for identifying monitor defects like purity, resolution and power supply regulation.
- Special Sync-Locked Signal Substitutor - Pinpoint All Monitor Circuit Defects To The Defective Stage While Watching The CRT
- Patented "ringer" and high voltage multiplier tester that effectively finds defective:
 - yokes
 - integrated high voltage transformers (IHVT)
 - switching transformers
- Integrated 2,000 volt DCV and PPV meter eliminates the need for DVM for complete one-unit troubleshooting
- "Hook-up" adapters available for all popular monitors to solve all your custom wiring hassles
- Portable, lightweight and compact for all your field service needs

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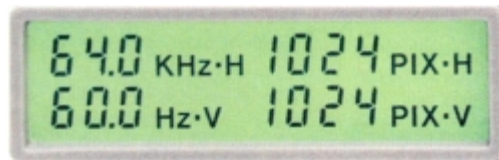
- 125 MHz Video Bandwidth
- 2048 x 2048 Pixel Output
- 70 Monitor Setup Storage Locations



CM2125
Computer Monitor
Analyzer

It's A Complete And Easy-To-Use High Resolution Computer Monitor Analyzer

The CM2125 lets you test monochrome, color, digital, and analog computer monitors. If you need to test a monitor, the CM2125 has the signals you need. No more lost time, lost profits, or lost business. Plus, the CM2125 is the absolute easiest to use monitor analyzer on the market. Here's all you need to do:



1. Find the monitor's parameters in the service literature or from the provided CM2125 support material.

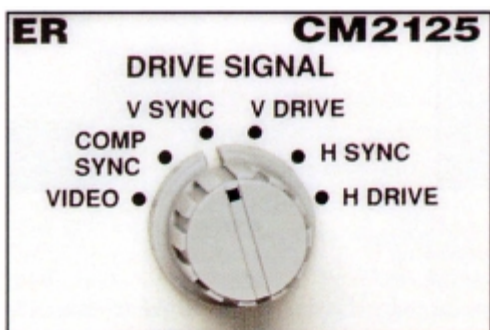
2. Press **H FREQ** **6** **4** **.** **0** **ENTER**
3. Press **V FREQ** **6** **0** **.** **0** **ENTER**
4. Press **H PIXEL** **1** **0** **2** **4** **ENTER**
5. Press **V PIXEL** **1** **0** **2** **4** **ENTER**

The CM2125 also provides a complete list of preset formats. Simply check the supplied Pull Chart and enter the "Storage Location" number. The pattern will automatically display on the monitor.

It truly is that easy. In fact, if the CM2125 isn't the easiest to use analyzer on the market, we'll refund every penny you paid - during the first 30 days.

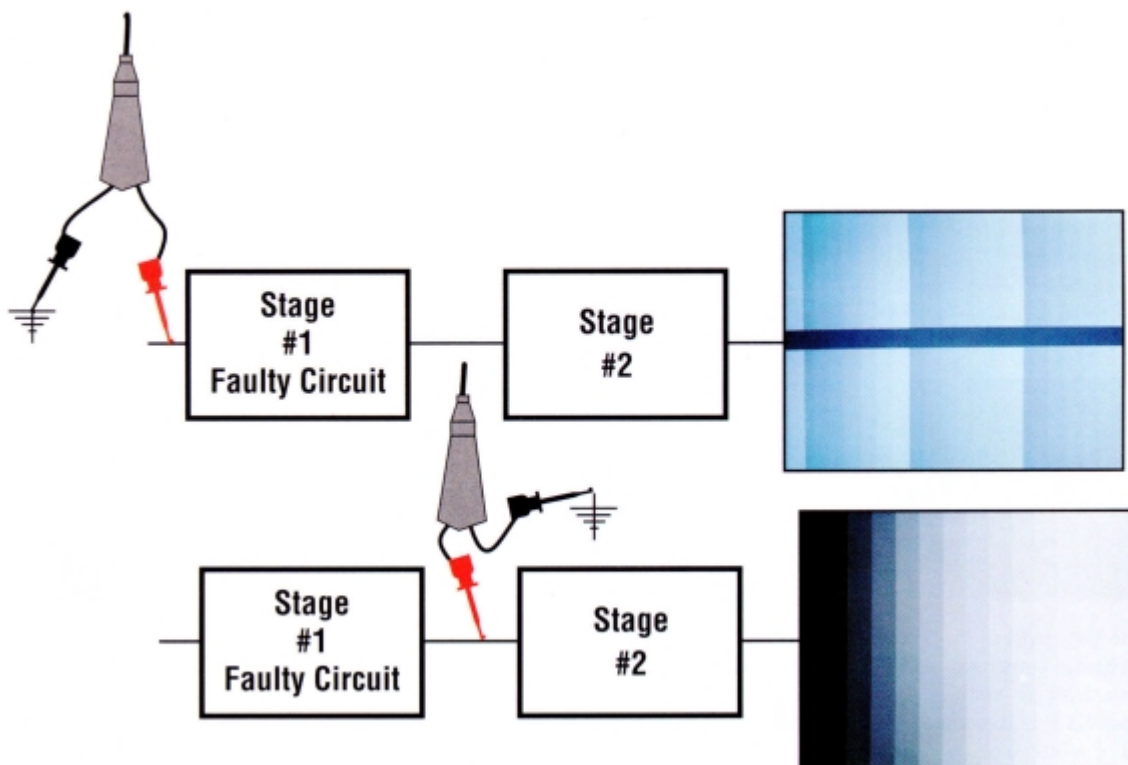
Call 1-800-SENCORE

You Get A Special Sync-Locked Signal Substitutor



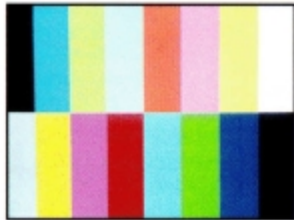
The CM2125 uses the signal substitution troubleshooting technique to isolate problems in less than half the time you now take. Signal substitution helps you narrow the problem down to a single stage by injecting a known good signal into the input of a functional block (seen below) and monitoring the output or the CRT. If the output is OK (a clear, locked-in picture on the display),

you can be confident all the circuits between the injection point and the CRT are good. The CM2125 gives you all the signals you need for troubleshooting from the input to the CRT to narrow down any monitor problem with ease.



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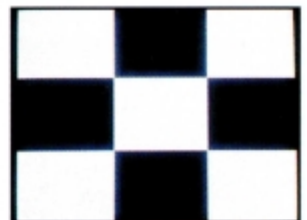
The CM2125 Is An Innovative Performance Testing Pattern Generator



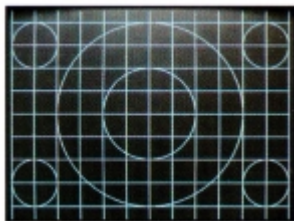
Color Bars: Use this pattern to test the monitor's ability to produce proper color. Check that each color bar is present. Check that the colors are uniform in intensity from top to bottom and left to right to catch possible video amplifier defects.



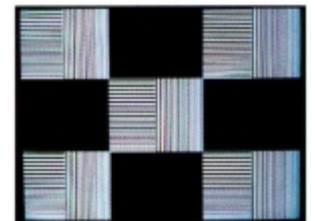
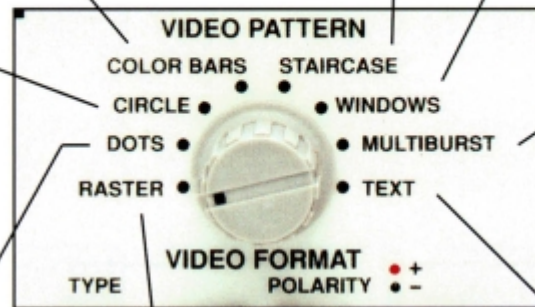
Staircase: This pattern tests the brightness and contrast linearity of analog and monochrome digital monitors. A properly working and adjusted analog or monochrome digital monitor will display 16 evenly spaced bars ranging from black to 100% white.



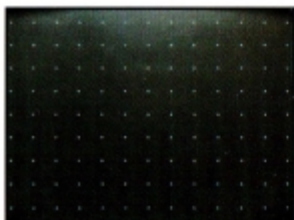
Windows: Use this pattern to test the monitor's power supply regulation. Check for a clear, distinct transition between the black and white portions. All the white boxes should be the same brightness level and the entire screen should be free of any ripple.



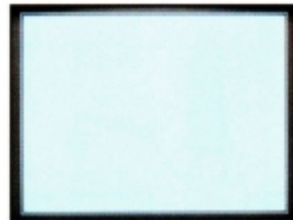
Circle: The circle pattern provides a test of the monitor's linearity and can be used to check dynamic convergence. Check that each line is straight and that each box is square and the same size throughout the raster. Also, check that each circle is round with no visible distortion.



Multiburst: This pattern tests monitor resolution and bandwidth. The vertical lines test the horizontal pixel resolution and the horizontal lines test the vertical resolution. The one pixel wide line should be discernible on a properly operating monitor.



Dots: Use the dots pattern for checking static and dynamic convergence. Check for white dots with no visible color. A misconverged CRT will show colored dots, instead of white dots.



Raster: The raster pattern produces a box, surrounded by a 1 pixel-wide border. Use this pattern to check color purity and high voltage power supply regulation.

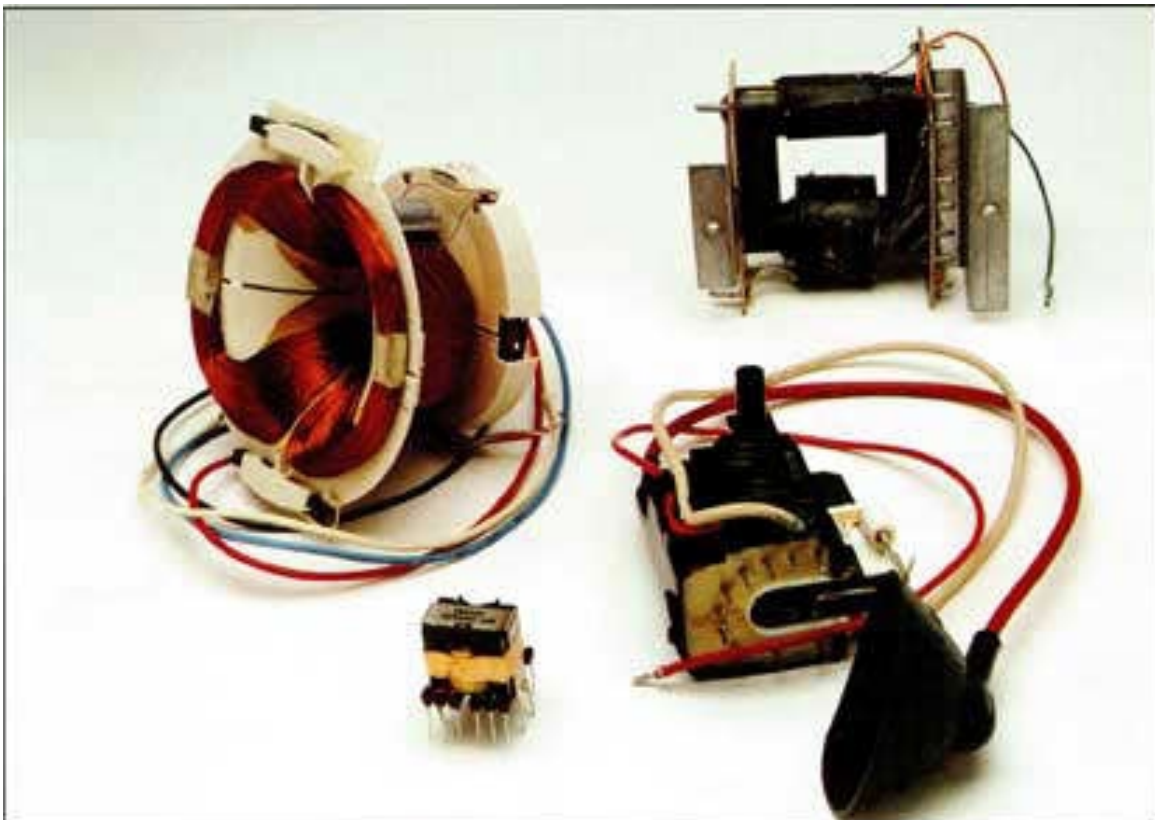
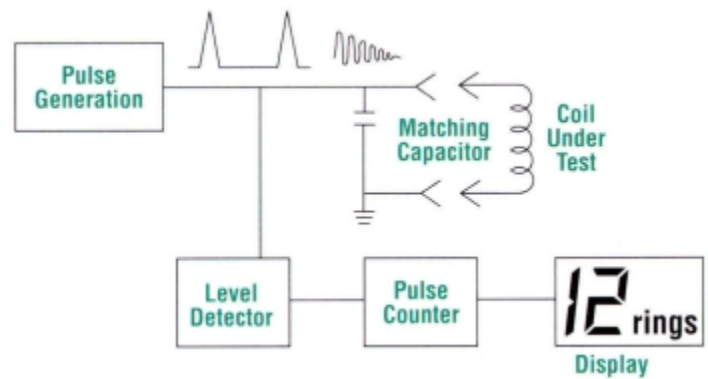


Text: Use this pattern to make a final performance test on the monitor. This pattern fills the screen with upper and lower case text characters that duplicate user conditions. All the characters on the screen should be focused and easy to read.

Call 1-800-SENSCORE

Plus, You 'll Have A Patented “Ringer” And High Voltage Multiplier Tester

The monitor analyzer provides an accurate and efficient way to catch any defective fly back, high voltage multiplier (or IHVT), yoke, and switching transformer. This test is called the “Ringer” and is patented by Sencore. The Ringer will find even a single shorted turn. Now, you can eliminate your expensive inventory used as substitution components. You simply make two connections and watch the LCD display for a “Good” or a “Bad” reading.



Call 1-800-SENCORE

Sencore Offers You:

30 Day Money Back Guarantee

Sencore's 30 Day Money Back Guarantee assures that you've made the right choice in instrumentation. Every Sencore instrument and accessory is covered by this guarantee of satisfaction.

"If you are not completely satisfied with any Sencore instrument, you may return it during the first 30 days, and we'll give you a full refund including freight, no questions asked."

Toll Free Support 1-800-SENCORE

One number connects you to a factory full of people dedicated to making your job easier and more successful. We will answer any questions you may have concerning a new product, application of a Sencore instrument, ordering information, or technical service.

Made Right Guarantee

We guarantee your Sencore instrument was "Made Right" or we will make it right without charge for parts and labor for as long as you own the instrument. Call for details.

Flexible Investment Options

Sencore gives you easy purchasing terms at low rates. Your options include:

- Net 30
- 2 to 5 month split payment plan
- 6-48 month "Pay As You Grow" investment plans
- Mastercard or Visa
- COD or cash with free freight



Call 1-800-SENCORE (736-2673)

**For more information,
Call Toll Free 1-800-SENCORE
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