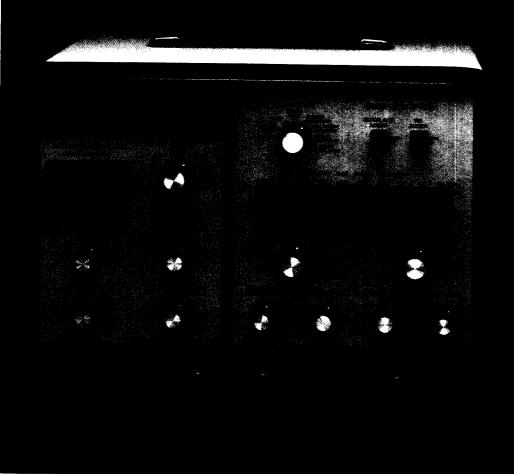
## VA62 Universal NTSC Video Analyzing System



# The Only All-Channel, NTSC Video Service System . . . Guaranteed To Cut Your Service Time In Half Or Your Money Back.

\$2995

#### **CUT YOUR SERVICE TIME BY**

54%. Six years ago. Sencore revolutionized the video service industry by introducing the VA48 video analyzer. Since its introduction, the VA48 has become the industry standard for TV & VCR service. Over 22,000 service techs are increasing their service productivity with the VA48. In fact, a recent survey of VA48 users nationwide showed an average time savings of 54% with the VA48 compared to their previous test equipment. The key to this tremendous time savings is what we call signal substitution.

#### SIGNAL SUBSTITUTION IS THE

**KEY.** There are two basic methods of troubleshooting a circuit: signal tracing and signal substitution. Signal tracing means you take a scope (or meter) and measure the signal at various points.

Signal substitution, on the other hand, lets you inject known good signals from a video analyzer into any stage of a TV. If you get a good picture on the screen, you know everything is working from that injection point forward. You then back up, stage by stage, until the defect appears on the screen. You then know you are injecting into the

defective stage. It's just that simple. Until now, the VA48 has been the only analyzer to provide all the signals necessary to inject into any TV stage from antenna to CRT.

BUT TIMES CHANGE. The VA48 was introduced six years ago. Since then, we have seen quite a few changes in TV circuits, video signals and VCR formats including synchronous detectors, SAW filters, high resolution video monitors, comb filters, integrated flybacks, 4 head VCRs, microprocessor controlled digital tuners, cable-ready channels and much, much more. To meet these changes, we designed the all

new VA62 video analyzing system. The VA62 totally equips you for all of today's new TVs and new video circuits, as well as providing complete analyzing capabilities for VCRs. Here are just a few of the exclusive features.

## IT'S A SIGNAL SUBSTITUTER.

The VA62 is a totally updated design in video analyzers that now lets you use the tried and proven method of signal substitution in all the latest TV and VCR formats.

COMPLETELY UPDATED FOR ALL NEW TV'S. The VA62 drive circuits have been updated so you can now signal inject into any stage of even the newest TV chassis, including comb filters, SAW filters, synchronous detectors and more.

**EXCLUSIVE "ALL CHANNEL CABLE-READY" TUNING.** Now, for the first time, check absolutely every channel in use today; including all VHF, UHF and cable channels. There's no other generator on the market like it.

## **NEW IMPROVED TEST**

PATTERNS. Speed your video troubleshooting with all new, improved test patterns including our all new 10 step Multiburst Bar Sweep, an improved Chroma Bar Sweep, a special 10 bar staircase plus, the industry standard NTSC (EIA) color bars for VCR service. These new patterns will tell you

things about VCR and TV operation that you just can't determine any other way, speeding your troubleshooting tremendously. (See waveform photos for full details.)

IT'S A COMPLETE VCR
ANALYZER, TOO! Until now, you've serviced VCRs using a scope and a pattern generator. The most popular pattern generator on the market costs \$2000, and all you get is a basic pattern generator. You still have to scope test points and interpret waveforms. But, not any longer.

For the first time, the VA62 brings tried and proven signal substitution to VCRs. Isolate tricky servo problems by signal substituting the VA62 30 Hz Servo Drive. Then, simply plug in the VC63 VCR Test Accessory for the special signals needed to signal substitute into every VHS, Beta, or U-Matic circuit.

SUBSTITUTE FOR HEADS DIRECTLY. The VA62/VC63 system even lets you use signal substitution to substitute directly for the video playback heads! Why guess when it comes to these expensive parts? Now you have a proof-positive test before you replace.

**OBSOLETE PROOF.** All this, and the VA62 is obsolete proof. That's right. We'll provide new accessories as the manufacturers announce new formats, test patterns, etc. This makes your VA62 a protected investment.

## CUT YOUR SERVICE TIME IN HALF—OR YOUR MONEY BACK.

The VA62 will cut your overall video service time in half on even the latest chassis. But don't take our word for it. Here's our offer:

## -MONEY BACK GUARANTEE-

If you are not convinced the VA62 will double your productivity, you may return it during the first 30 days and we'll cheerfully give you a full refund, including freight!

YOU CAN'T LOSE. If you service TVs only, the VA62 is the only way to update for all new TVs including the cable-ready channels.

If you're thinking about VCR servicing, the VA62 is the easiest, fastest, most cost effective way to get started. (And it does meet all VCR manufacturers' equipment requirements.)

If you're already in VCR service, we guarantee that this system will cut your service time to a minimum. (Just having a proof positive check of the heads has been enough to convince many VCR techs that the VA62 is for them.)

Write or call for the VA62 brochure for complete details.

## **ACCESSORIES**

VC63 VCR Test Accessory......\$395.00
Supplies video-modulated, FM luminance

supplies video+hodulated, PM furnifiance signals, plus phase-corrected, down-converted chroma signals for VHS, Beta, or U-Matic VCRs. Special "head-sub" signal and signals to inject in any stage up to detectors.

NT64 "NTSC" Pattern Generator .... \$395.00

Supplies the two EIA color-bar patterns required by some VCR manufacturers; the full-field and the split-field pattern. The NT64 patterns are phase-locked and sync-locked to all other VA62 drive signals so it can be used for signal substitution.

## CG25 Little Huey Portable Digital Color Bar Generator

Rock-Solid Patterns In A Caddy-Size Generator \$198

### **ROCK-SOLID DIGITAL PATTERNS.**

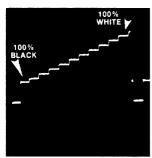
Just push the buttons for jitter-free standard color bars, horizontal and vertical lines, crosshatch, and white dot patterns.

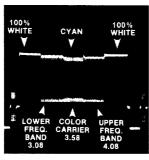
**BUILT RUGGED FOR FIELD USE.** Lasts and lasts on the road with tough acrylic case.

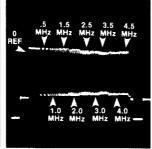
**BIG GENERATOR FEATURES.** Dot size, color level, and RF channel controls just like the deluxe generators.

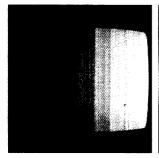
**BATTERY SAVING POWER SHUTOFF.** Automatically shuts itself off after 20 minutes, saves batteries.

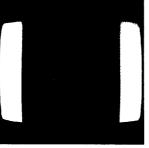
## Exclusive VA62 Test Patterns—They Tell You Things About TV And VCR Operation You Just Can't Determine Any Other Way.

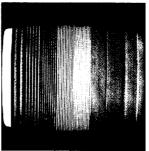












10 Bar Staircase Improved Chroma Bar Sweep

Improved Multiburst Bar Sweep