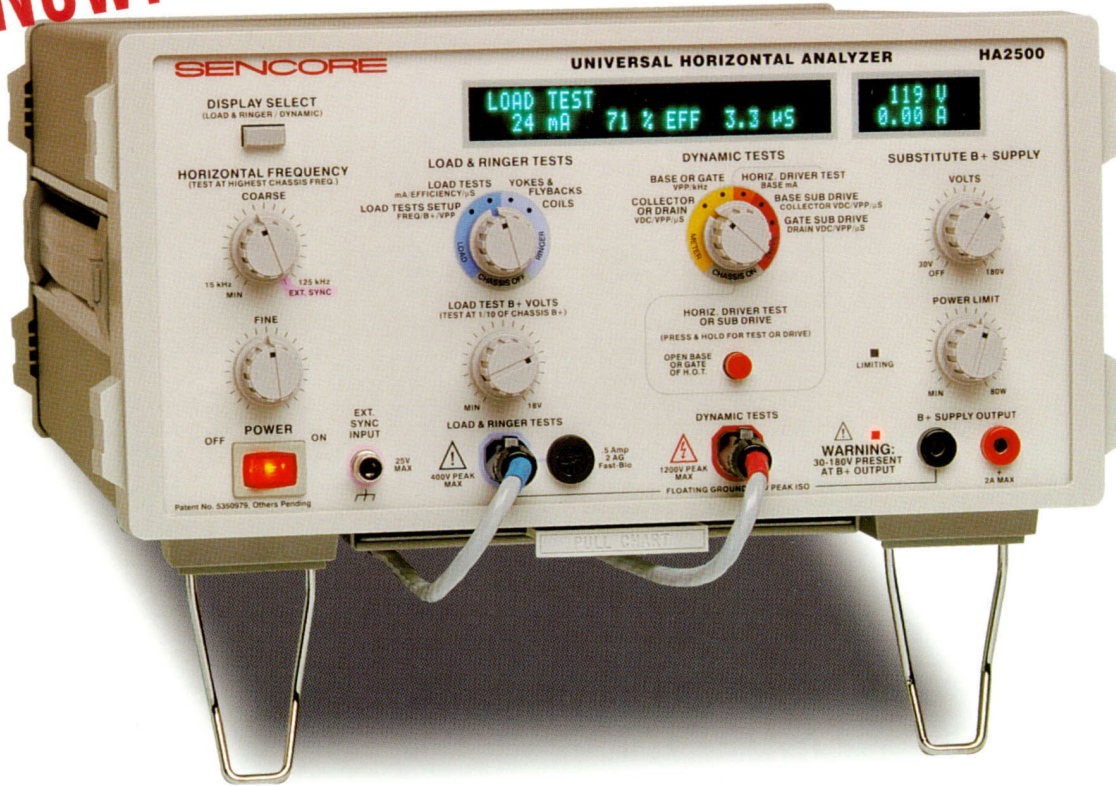


New!



Now everything you need to localize horizontal and B+ supply defects in computer monitors in less time and more profitably than ever before!

The HA2500 offers:

- Unique frequency lock and variable horizontal frequency use allows you to quickly service all horizontal circuits no matter the frequency
- Exclusive "Horizontal Output Load Test" makes setup and testing a snap - even without applying AC power for more accurate estimates, fewer damaged replacement parts, and faster diagnosis and repair
- Patented "ringer" proves the condition of flybacks and yokes in seconds - even a single shorted turn
- Exclusive "Dynamic Tests" help you analyze the horizontal circuit in powered-up conditions to catch even subtle defects in the power supply, noise, and drive signal
- Variable-current limited & protected B+ substitute power supply permits testing of horizontal stages even when the power supply is dead
- Portable and field rugged to go on location when bringing the defective product to your bench isn't feasible

Call 1-800-SENCORE

HA2500 SPECIFICATIONS

HORIZONTAL FREQUENCY

GENERATOR

FUNCTION:

Squarewave generator for Load Tests and Sub Drive functions.

FREQUENCY RANGE:

<15 kHz to >125 kHz

EXTERNAL SYNC INPUT:

INPUT SIGNALS:

Horizontal Sync, Composite Sync, Composite

Analog Video (\pm Polarity)

FREQUENCY RANGE:

15 kHz - 125 kHz

SENSITIVITY:

Composite Analog Video > .5 VPP

Horiz. or Composite Sync > 2 VPP

HORIZONTAL OUTPUT LOAD

TEST B+ POWER SUPPLY

VOLTAGE RANGE:

0 - 18 VDC \pm 0.5 volts.

CURRENT LIMIT: 250 mA \pm 10%

HORIZONTAL OUTPUT

LOAD TEST SETUP

EXCITATION DRIVE: Squarewave
50% duty cycle \pm 2%

B+ VOLTS RANGE: 0 - 19.9 volts

VPP RANGE: autoranged 0 - 400 VPP

HORIZONTAL OUTPUT

LOAD TESTS

Bt mA RANGE: 0 - 250 mA

TIME μ S RANGE: 0.1 μ S - 50 μ S

TIME μ S TRIGGER LEVEL:

5% \pm 1% of pos. pulses with

VPP > 10 VPP

RINGER TEST

FUNCTION:

Approximate coil "Q" determined by exciting the coil and counting ringing cycles to a damped level.

DYNAMIC TESTS

(COLLECTOR OR DRAIN METER)

VDC RANGE: Autoranged,

0 - 400 volts

VPP RANGE: Autoranged,

0 VPP to 1500 VPP

TIME μ S RANGE: 0 - 50 μ S

TIME μ S TRIGGER LEVEL:
5% \pm 1% of pulse VPP >20 VPP

DYNAMIC TESTS

(BASE OR GATE METER)

VPP RANGE: 0 VPP to 50 VPP

DYNAMIC TESTS

(HORIZONTAL DRIVER TEST)

FUNCTION:

Measures the horizontal driver stage output current capability by simulating a low impedance base/emitter transistor junction.

BASE mA RANGE: 0 - 2000 mA

DYNAMIC TESTS (SUB DRIVE)

FUNCTION:

Substitute drive optimized to properly drive the base or gate of any horizontal output transistor.

BASE SUB OUTPUT: Squarewave

50%, -2/+6% duty cycle

GATE SUB OUTPUT: Squarewave,

50% duty cycle \pm 2%

SUBSTITUTE B+ SUPPLY

VOLTAGE RANGE:

<30 volts to >180 volts

POWER OUTPUT:

2 amps \pm 10% to 40 volts, 80 watts \pm 10% over 40 volts

POWER LIMIT RANGE:

< 3 watt (min.) to > 80 watt

GENERAL

FLOATING GROUND ISOLATION:

600 volts (DC \pm peak AC from "-" terminal to chassis ground with < 500 μ A

DIGITAL DISPLAY: Vacuum fluorescent matrix, 40 x 2

AC POWER: 105 to 125 VAC 50/60 Hz. May be factory converted to 220 VAC.

SIZE: 6" X 11.5" X 15.5"

(15.2 X 29.1 X 39.3 cm) HWD

WEIGHT: 14 lbs. (6.4 kg.)

All specifications allow for 20 minutes of warm-up and are guaranteed at 15 to 35 degrees C.

Sencore's Exclusive After-The-Sale Support

All Sencore Instruments Are Backed By Our Exclusive 30 Day Money Back Guarantee

"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 Access To the Entire Factory

Sencore does not stop providing assistance after you purchase one of our instruments. We provide free technical assistance on any instrument use questions, future purchase assistance, industry trend information, instrument service, or any question you may have on test instruments. Just call Sencore at our toll free 1-800-SENCORE number. Your Area Sales Engineer, an Application Engineer, or a Service Technician will be happy to assist you.

Made Right Guarantee

In addition to the 1 year warranty on parts and labor (less than 2% are returned for warranty service), Sencore offers you a 100% Lifetime Made Right Guarantee. We guarantee your instrument was engineered right the first time. If there's a problem, we'll make it right, for the lifetime of the instrument.

Extended Service Agreement Programs (ESA)

Sencore announces our new Extended Service Agreement Programs for your HA2500. These programs can be an extension of your warranty coverage or simply a method for you to have annual calibrations at a reduced rate. For further information regarding these programs, please contact your Area Sales Engineer or the Service Department.

Here's How To Order Your HA2500 Universal Horizontal Analyzer

Ordering the HA2500 Universal Horizontal Analyzer is as simple as picking up your phone. Call 1-800-SENCORE and talk directly with your Sales Engineer about the many programs available to help with your instrument investment.

Call 1-800-SENCORE
(736-2673)