

4
**ALL NEW
SENCORE
PRODUCTS
AND THEIR
SELLING
FEATURES**

*That will
Boost Your
SENCORE Sales
Another 20%
In 1970*

HI



FE20 - Available June 30, 1970



FREE HI
VOLTAGE PROBE
39A30

LO

FE20

HI-LO FIELD EFFECT MULTIMETER

10 BIG SELLING POINTS

to make your job easier, more profitable

1. *Low battery voltage of less than a tenth of a volt on ohms measurements* so that your customer can measure resistance in circuit without "triggering" off semi-conductor devices and new integrated circuits. No need to disconnect for testing any more.
2. Also *high battery voltage of 1.5 volts for ohms measurements* for measuring front to back ratio of diodes, rectifiers, etc.
3. *.1 volt full voltage scale* for measuring critical transistor biases, especially on latest semi-conductors.
4. *.05 volts zero center scale* to measure either positive or negative critical bias voltage without having to refer to schematics or determining polarity.
5. *Laboratory accuracy* of 1.5 percent on DC and 3 percent on AC.
6. *High input impedance* of 15 megohms on DC and 12 megohms on AC.
7. *Free high voltage probe* in cover to extend ranges to 30,000 volts. Greatest voltage ranges in multimeter history.
8. *Completely portable* with detachable cover. Can be used anywhere, anytime.
9. Battery operated with *long life "C" cells*. *Battery check* on both power supply battery and ohms battery for first time in multimeter history.
10. Truly *trouble free* with meter protected to *1000 times overload* and front panel *fuse to protect meter* on ohms and current. No more returning meter to factory when customer uses meter improperly. Large 6 inch meter.

A real value at **\$129.50**

HI



FE21 - Available July 30, 1970

39A30 Hi-Voltage Probe used with FE21 . . . \$12.00.

LO

FE21

HI-LO FIELD EFFECT MULTIMETER

10 BIG SELLING POINTS

to make your job easier, more profitable

1. *Low battery voltage of less than a tenth of a volt on ohms measurements* . . . so that you can measure resistance in circuit without "triggering" off semi-conductor devices. No need to disconnect anymore . . . and you can't disconnect parts of integrated circuits.
2. *Also, high battery voltage of 1.5 volts for ohms measurements for* measuring front to back ratio of diodes, rectifiers, etc.
3. *.1 volt full voltage scale* for measuring critical transistor biases, especially on latest semi-conductors.
4. *.05 volts zero center scale* to measure either positive or negative critical bias voltages without having to refer to schematics or determine polarity.
5. *Laboratory accuracy* of 1.5 percent on DC and 3 percent on AC.
6. *High input impedance* of 15 megohms on DC and 12 megohms on AC.
7. Battery powered with *two parallel transistor radio type batteries* for long trouble free life. Batteries are easily checked by just pushing the test switch.
8. *DB (decibel) range* for audio and hi-fi work. Truly a deluxe feature on a four and a half inch meter.
9. *Peak to peak voltage* measurements to please the service technician.
10. Meter protected to *1000 times overload with fuse protected multiplier resistors*. No more burning out the meter when your customer uses meter improperly on ohms or current.

Best value on the market at only

\$99.50



Special IF Link Alignment Probe. Provides detection and four times amplification of IF signal . . . allows viewing IF link response direct from output of 1st IF amplifier. Works with any Sweep and Marker. Uses voltage quadrupler . . . needs no batteries.

39G26 \$9.95

SM158 — Available August 15, 1970

SM158 COLOR TV-SPEED ALIGNER

10 BIG SELLING POINTS

to make your job easier, more profitable

1. *All the "goodies" of the sweep and marker industry in one small package.*
2. *Guaranteed to cut hook up time for alignment to less than one third.*
3. *Pre-set sweep for four VHF channels, 40 MHZ IF amplifiers or Chroma amplifiers.* No more guess-work, just flip the switch and the curve pops on the scope.
4. *All crystal controlled markers* for all carriers and check points as recommended by TV manufacturers. Includes adjacent channel traps, etc. Just push the marker buttons, the markers pop on curve automatically for the RF curve, IF curve, or chroma curve. It is hard to believe but you just push the one button for the video carrier on any curve, sound carrier, etc. No more need to refer to alignment frequencies.
5. *Unlimited marker amplitude—either vertical or horizontal* by just pushing or pulling the marker height control. Markers are sharper and more noise free than anything produced to date.
6. *Fine tuning control* to view "skirts" of response curve on solid state receivers.
7. *Only four connecting leads* . . . two to scope and two to TV receiver. Remaining connections are internal and automatically connected when switching.

PLUS THREE BIG FEATURES THAT COMPETITION FORGOT

1. *Zero reference base line* as shown in all TV manufacturers alignment instructions.
2. *Two extra RF channels* to avoid co-channel interference when station is being used in area.
3. *Full 15 MHZ sweep width* for viewing entire response curve. Competition has only 12 MHZ.

And it is \$120 less money at only

\$275.00



3200 Sencore Drive

Sioux Falls, South Dakota 57107

SENCOORE
NO. 1 MANUFACTURER OF ELECTRONIC MAINTENANCE EQUIPMENT



PM157 POWER MONITOR

PM157 — Available July 15, 1970

1. *It's a zero to 1150 watt wattmeter* to determine if the appliance you are repairing is dissipating too much power.
2. *It's an AC line voltage monitor* to determine if excessive line voltage is causing fuses or circuit breakers to blow or whether low line voltage is causing circuits to malfunction. It is calibrated right on the nose at 115 volts.
3. *It's an AC ammeter* to determine how much AC line current is being drawn by the TV set or appliance. Power is fed right on through so that test leads can be connected across fuse or circuit breaker to detect trouble while set is operating.
4. *It's a DC ammeter* to check horizontal output fuses, horizontal output tube current, or any other check between zero and 10 amperes.
5. *It's a combination AC and DC ammeter* to check power dissipation in fuse resistors. Each fuse resistor has a calibrated scale so your customer knows whether or not it is safe to replace the fuse resistors. Most fuse resistors are simply stamped in resistance value and your customer does not know the safe current level.
6. *It is protected by a 10 ampere circuit breaker* so your customer won't be afraid to use the power monitor.
7. *Test leads are automatically disconnected* from AC line when they are switched into circuit to avoid any shock hazard.
8. *Compartment in rear* houses test leads and line cord so the PM157 is ready for any power job anywhere your customer wants to go.
9. *Large 4½ inch meter* so you can monitor the power drawn by set being repaired at a distance.
10. *Tilt handle* also folds forward to protect recessed meter when transporting.

Every customer must have one or more at only

\$69.50