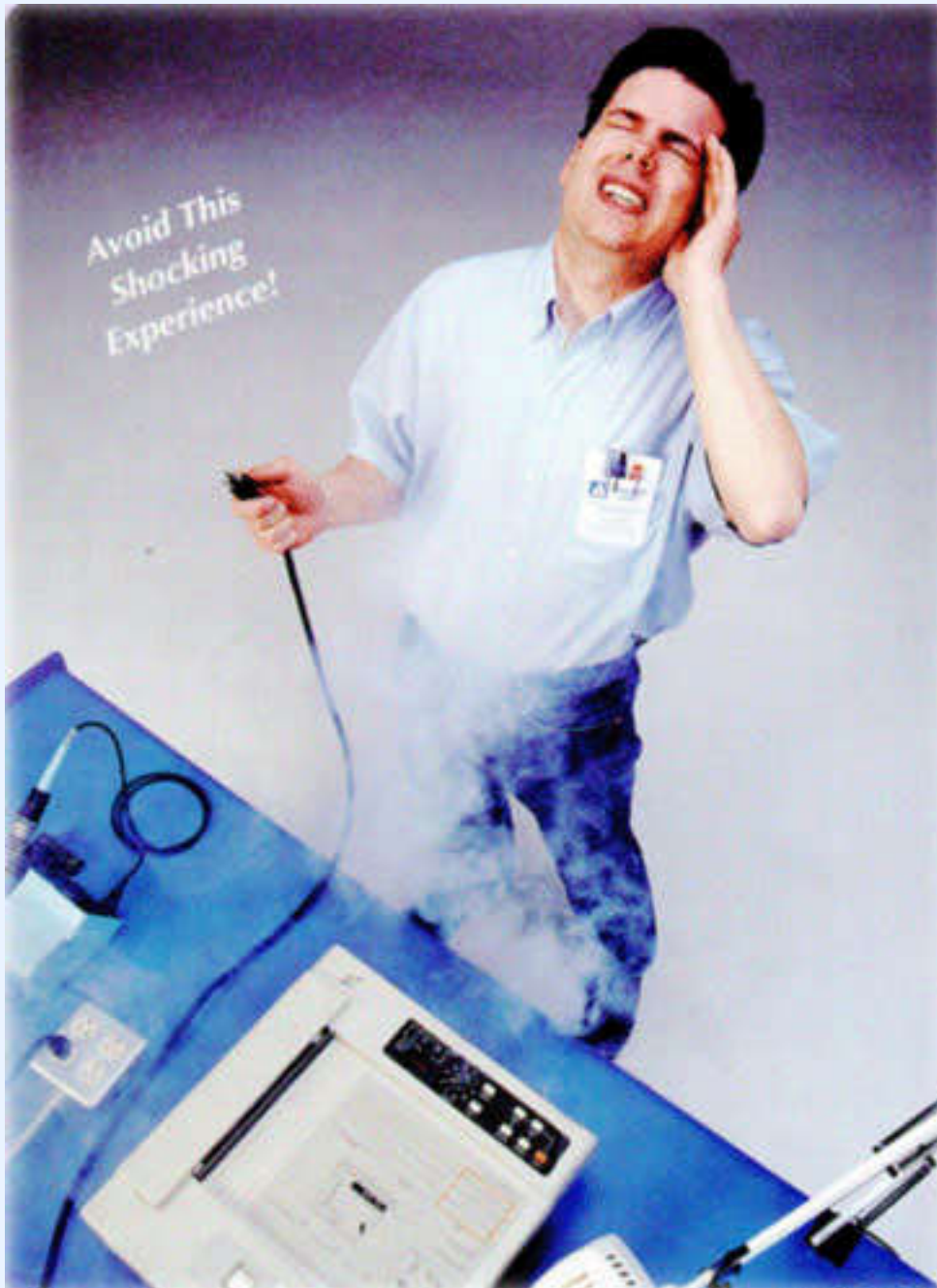


Never Again..

Go Through These Personal Embarrassments, Unnecessary Expenses or Costly Downtime.



How many times have you. . .

- | Blown up an expensive piece of equipment under repair and had to wait weeks for delivery of a special component simply because you used an unprotected AC receptacle on your bench? This expensive downtime costs you and the people who could have been making money if this equipment were in use.
- | Damaged your favorite of test equipment and had to wait for weeks for a factory repair because you didn't isolate the product under test from your test equipment?
- | Upset your work schedule to repair a piece of equipment the second time because you did not check it for operation on low and high line voltage when you repaired it the first time?
- | Gotten a serious shock, or shocked someone else because you were not isolated from the equipment under repair?
- | Created a serious shock hazard for others because you mistakenly thought that a bench isolation transformer isolated more than one bench from the other?
- | Installed a new component and unknowingly introduced excessive AC leakage into the product under repair because you had no way to test for AC leakage without a special tester?

***Your Answer To Perfect Safety Is One Of The New BAPCO Safety Supplies.
These AC Supplies Are Sold With The Understanding That They Will More Than
Pay For Themselves Within 90 Days, By Avoiding These Costly Errors
Or Your Money Cheerfully Refunded!***

The Bapco SS200 & SS201 Safety Supplies Protect You, Your Test Equipment & Your Delicate & Expensive Medical Equipment During Repair.

The SS200 and **SS201 Safety Supplies** not only protect you with isolated power but enable you to gently ease the power into the product with full control. Maximum current is pre-selected with the Trip Set control to assure that excessive power is not dissipated as the AC voltage is advanced to 117 VAC. If the protective current is tripped, it can be quickly reset with a flip of the Current/Power switch.

Both the SS200 and **SS201 Safety Supplies** test the AC line for adequate AC voltage, for correct wiring, and for a secure earth ground, to assure a safe power source.

Two .5 inch LCD digital meters simultaneously monitor and track the AC voltage and

current so that one measurement is not disregarded while the other is showing an increase. Super handy for trouble shooting shut-off circuits, voltage sensitive circuits, or simply to check the power parameters of any electrical device. True wattage is also measured to accommodate those who wish to know the power consumption or to serve as a guide where power only is referenced.

Easy to use with handy plasticized simplified instruction pull-chart on bottom-front of both the SS200 and SS201, providing you with instant instructions at all times.

SS200 SAFETY SUPPLY

AC VOLTAGE:

0 to 140 VAC, variable and isolated.

CURRENT:

Up to 3 amps continuous, 4 amps for testing.

POWER:

470 Watts at 117 VAC maximum.

PRICE:

\$850 each, \$825 each for three.



SS201 SAFETY SUPPLY *Heavy Duty*

AC VOLTAGE:

0 to 140 VAC, variable and isolated.

CURRENT:

10 amps continuous, 15 amps for one hour, 20 amps for five minutes.

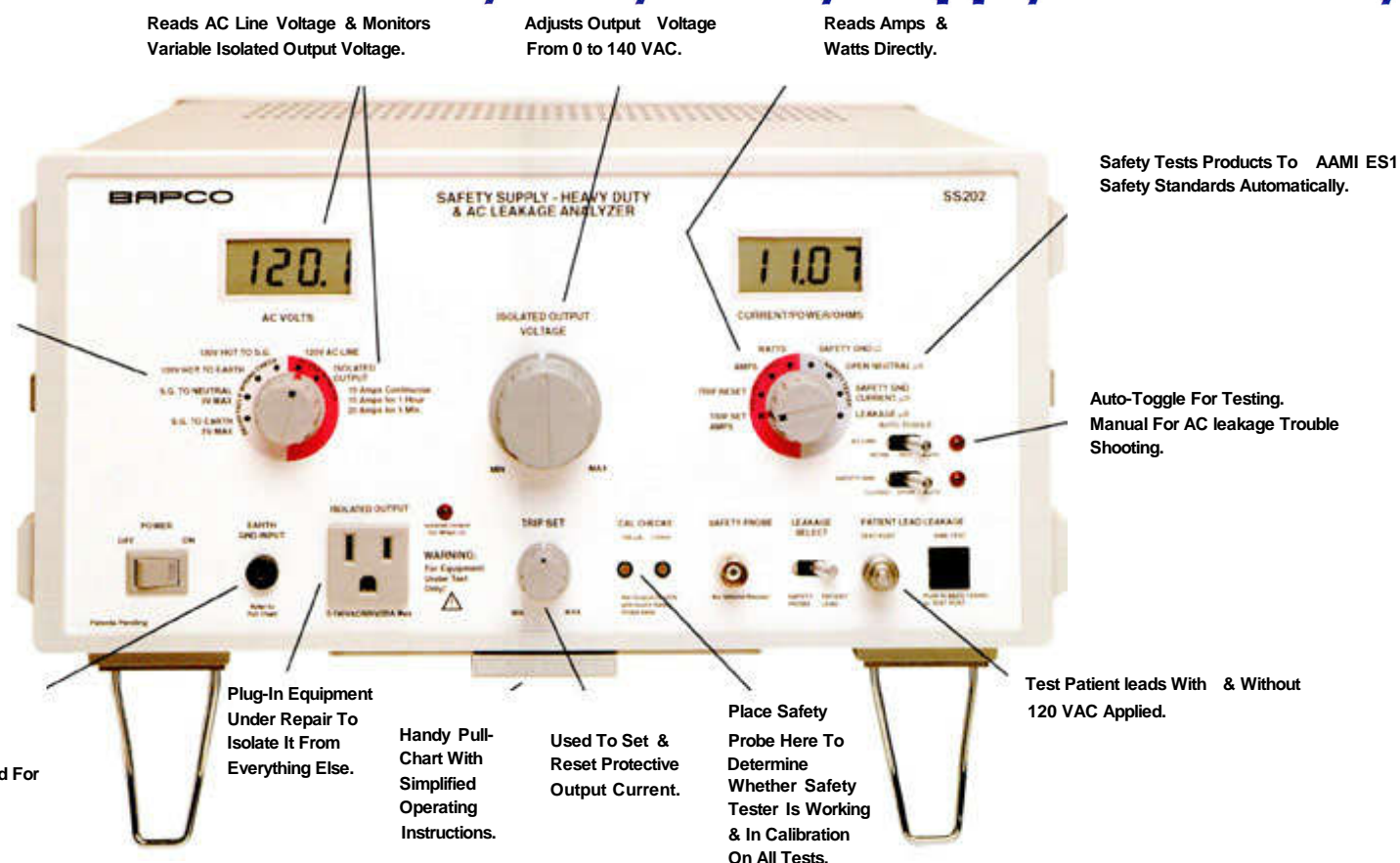
POWER:

2340 Watts at 117 VAC.

PRICE:

\$1975 each, \$1895 each for three.

Or Step Up to The BAPCO SS202 Heavy Duty Safety Supply & AC Safety Analyzer



Reads AC Line Voltage & Monitors Variable Isolated Output Voltage.

Adjusts Output Voltage From 0 to 140 VAC.

Reads Amps & Watts Directly.

Safety Tests Products To AAMI ES1 Safety Standards Automatically.

Checks AC Receptacle To NFPA 99 Safety Standards.

Auto-Toggle For Testing. Manual For AC leakage Trouble Shooting.

The SS201 and SS202 supply safe power to every piece of medical equipment that you will ever put on your bench. . . to a whopping 20 amps.

Connects To Earth Ground For Correct Reference.

Plug-In Equipment Under Repair To Isolate It From Everything Else.

Handy Pull-Chart With Simplified Operating Instructions.

Used To Set & Reset Protective Output Current.

Place Safety Probe Here To Determine Whether Safety Tester Is Working & In Calibration On All Tests.

Test Patient leads With & Without 120 VAC Applied.

Photo 1/2 Actual Size

The SS202 Extends The Safety Of The SS201 Heavy Duty Supply To Your Patient, Caregiver & Hospital

The SS202 **Safety Supply** protects your bench and everything on it just like the SS201 **Safety Supply**. But, in addition, with the flip of the Current/Power/Ohms switch, the SS202 becomes a complete, fully automatic AC current leakage tester. Product internal ground resistance, open neutral, safety ground and exposed metal AC leakage currents are measured automatically to the new 1993 AAMI ES1 medical safety test standards. The SS202 also tests the AC line for safety

ground to neutral AC voltage and safety ground to earth resistance to comply with the 1993 NFPA 99 AC line safety standards. You'll know in seconds whether you caused excessive leakage when you made the last repair so you can correct it then and there. Likewise, you'll know whether the repaired equipment will be safe when returned to the caregiver; providing a complete safety test after repair, as mandated by JCAHO for accreditation.

Walk Excessive Leakage Current Out Of Any Product Step-By-Step With The SS202 AC Current Leakage Analyzer

If you discover that you have excessive AC leakage, simply convert the SS202 to a Safety Analyzer by switching the auto toggled AC line and safety ground switches to manual. This will enable you to use the SS202 as an AC leakage analyzer to quickly identify the exact leakage paths and thus isolate and correct the leakage problem. Special circuitry enables you to read the AC current leakage of the product under repair and not the isolation transformer leakage, which you will do with other external isolation transformers.

SS202 SAFETY SUPPLY

- AC VOLTAGE:**
0 to 140 VAC, variable and Isolated.
- CURRENT:**
10 amps continuous, 15 amps for one hour, 20 amps for five minutes.
- POWER:**
2340 Watts at 117 VAC.
- PRICE:**
\$2495 each, \$2395 each for three.

*Which would you rather have
on your repair bench? These separate
components at over \$3000 . . .*



VARIABLE ACV
Supply at
\$300 Average.



15 amp
ISOLATION
TRANSFORMER
at \$320 Average



DVM WITH 4 WIRE
OHMMETER
at \$400 Average



TRUE WATTMETER
at \$400 Average



AUTOMATIC
LEAKAGE TESTER
at \$1500 Average



CURRENT
PROTECTION
at \$200 Average

*. . . OR
This Space Saving,
Error-Proof,
Easy-To-Operate, &
Fully Power Integrated*



SS202 Safety Supply At \$500 Less!

Are You Sure You Are Safe?

Are you sure that you won't blow up an expensive component when you plug in your equipment under repair next time?

Are you sure that you won't blow up your test equipment or repair tools next time you plug a product to be repaired into your bench? Are you sure that you or your friend aren't in for a shocking experience next time you reach over to adjust your test equipment?

Are you sure that your product will operate satisfactorily on both low and high line voltage?

Are you sure that you can ease the power into the next repair that you make and not blow something up?

Are you sure that current is tracking as voltage is increased? Or, that the power shut-down circuits will really work?

Are you sure that you didn't introduce AC leakage in your last repair because you didn't have a leakage tester to be sure?

Are you sure that a hard to get fuse won't blow when you advance the AC line voltage because you have no way to limit the current?

YOU CAN BE SURE and you can increase the line ACV 10 percent as recommended in the new AAMI standards, without reading the isolation transformer leakage with the **BAPCO SS202 Safety Supply**. And, you can "power up" to a whopping 20 amps to safely service every single medical product that you will ever put on your bench. You can assure yourself more profitable uptime and less costly downtime with the **BAPCO Safety Supplies**. Just try us.

Safety Supplies Specifications

	SS200	SS201	SS202		SS200	SS201	SS202
INPUT AC VOLTS:	105 - 125 VAC @ 60 Hz	105 - 125 VAC @ 60 Hz	105 - 125 VAC @ 60 Hz	TRANSFORMER PROTECTION	4-amp 3AG slow blow fuse and adjustable trip	20-amp 3AB slow blow fuse and adjustable trip	20-amp 3AB slow blow fuse and adjustable trip
ISOLATED AC VOLTS:	0 TO 140 VAC +/-5% with 100 W load	0 TO 140 VAC +/- 5% with 400 W load	0 TO 140 VAC +/-5% with 400 W load	PATIENT LEAD TESTS	N/A	N/A	Measures leakage current from each lead to ground with and without 120 VAC applied (sink test)
ISOLATED OUTPUT WATTAGE:	470 Watts max	2340 Watts max	2340 Watts max	MECHANICAL	Stylish gray on gray case with handle	Stylish gray on gray case with side handles and front tilt baills	Stylish gray on gray case with side handles and front tilt haills
CURRENT LIMITING SETTING:	Adjustable from 0 to 4 amps	Adjustable from 0 to 19.99 amps	Adjustable from 0 to 19.99 amps	DIMENSIONS:	11.5" (29.2 cm) W x 6" (15.2 cm) H x 12" (30.5 cm) D	14.5" (36.8 cm) W x 7" (17.8 cm) H x 15" (38 cm) D	14.5" (36.8 cm) W x 7" (17.8 cm) H x 15" (38 cm) D
AC VOLTMETER:	0 to 150 VAC +/- 3% +/-2 counts on .5" LCD	0 to 150 VAC +/-3% +/-2 counts on .5" LCD	0 to 150 VAC +/-3% +/-2 counts on .5" LCD	WEIGHT	22 lbs. (10 kg)	48 lbs. (22 kg)	48 lbs. (22 kg)
AC AMMETER:	0 to 4 amps +/- 3% +/- 2 counts on .5" LCD	0 to 19.99 amps +/- 3% +/- 2 counts on .5" LCD	0 to 19.99 amps +/- 3% +/- 2 counts on 5" LCD	TEMPERATURE:	Specified accuracy falls between 60°F and 95°F (15°C and 35°C)	Specified accuracy falls between 60°F and 95°F (15°C and 35°C)	Specified accuracy falls between 60°F and 95°F (15°C and 35°C)
WATTMETER:	Phase adjusted true power. 0 to 470 Watts +/-5% +/-2 counts of reading	Phase adjusted true power. 0 to 1999 Watts +/-5% +/-2 counts of reading	Phase adjusted true power. 0 to 1999 Watts +/-5% +/-2 counts of reading	CALIBRATION CHECK	N/A	N/A	100 Microamps and 1 Ohm are read during appropriate tests by touching the probe to the front panel jacks
MICRO AMMETER Open Neutral, Safety Ground Current, Leakage, Patient Lead Sink Test	N/A	N/A	0 to 1999 Microamps +/-3% +/- 2 counts on .5" LCD	ACCESSORIES SUPPLIES:	1. Earth ground input lead	1. Earth ground input lead	1. Earth ground input lead 2. Safety Probe
INTERNAL RESISTANCE			0 to 19.99 Ohms +/- 3% +/-2 counts on .5" LCD				

SAFETY SUPPLIES LIFETIME WARRANTY

Your Safety Supplies are warranted for one full year against defects for both parts and labor. This warranty is extended to the lifetime of the product against workmanship errors or unusual wear. If you believe that your product was not made right in the first place, for the lifetime of the product, advise our service department and we will make it right at no charge, except for calibration.



**The Voice of
Electrical Safety**

**The BAPCO
Engineering Team**

Bowden's Automated Products

1000 Industrial Road
Viborg, SD 57070

PHONE: 1 605 326 5169
TOLL FREE: 1 800 419 4000
FAX: 1 605 326 5138

A Sencore Affiliate

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