



THE H. C. NUTTING COMPANY

GEOTECHNICAL AND TESTING ENGINEERS

SINCE 1921

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 912 MORRIS STREET • CHARLESTON, WEST VIRGINIA 25301 • 304-344-0821
 BOX NUMBER 11 • HIGHLAND HEIGHTS, KENTUCKY 41076 • 606-261-2043

May 31, 1985

Nuclear Regulatory Commission
 Region III
 799 Roosevelt Road
 Glen Elyn, Illinois - 60137

Attn: Mr. William J. Adams
 Materials License Section

Re: NRC License No. 34-14924-01

Dear Sir:

In accordance with the instructions received from one of your representatives on May 28, 1985, we are requesting an addendum to our approved Radiation Control Manual & Emergency & Operating Procedure Manual.

This request is necessitated by the theft of our Victoreen, Model 592-B, Gamma Survey Meters.

Since the Victoreen Model 592-B meters have been discontinued, we cannot replace these units; thus, we have selected to purchase Victoreen's Model 692 Gamma Survey Meter.

Even though the make and model of the survey meter is not indicated in the license; it is clearly indicated in our approved Radiation Control Manual and Emergency Operating Procedure Manual.

This amendment will involve a change of Page 6 and Page 9 of the Radiation Control Manual and Page 2 of the Table of Contents of the Operation & Emergency Procedures, in addition to Pages 2, and replacement of the manufacturer's instructions found in Appendix B of the Operation & Emergency Procedure Manual.

For your convenience, in addition to the revised indicated pages, I have also included copies of the originals indicating the areas involved in the addendum change.

In addition, I have enclosed our check for the sum of \$120.00 dollars to cover the service charge.

RECEIVED

JUN 05 1985

8507190534 850627
 REG3 LIC30
 34-14924-01 PDR

Very truly yours,

THE H. C. NUTTING COMPANY **REGION III**

JUN 5 1985

W. Becker
 Manager - NDT Division
 & Radiation Protection Officer and
 Chief Radiographer

Applicant	<i>James B. JH</i>
Check No.	<i>15232 (3/20) +</i>
Amount	<i>15275 1110</i>
Type of Fee	<i>30 am</i>
Date Check Rec'd	<i>6/17/85</i>
Received By	<i>[Signature]</i>

CONTROL NO. 79122

OPERATING & EMERGENCY PROCEDURES

THE H. C. NUTTING COMPANY

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B.	Instructions For Use of J-Tube	39-40
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APPENDIX A.....

NRC - 15184 Vol 45 No. 48 - Proposed Rules
10 CFR - Part 19
Part 20
Part 30
Part 71

APPENDIX B.....

1. Operating Instructions Source Changer Model 692
Tech-Ops
2. Instruction Manual For Model 692-B Gamma Survey Meter
3. Operation & Service Manual Model 660 Series Gamma-Ray
Projection Systems - Tech-Ops.
4. Instructions Manual Iriditron Models 20,40BA, 100
5. Operation & Service Manual - Cobalt 60 Series
Gamma-Ray Projection Systems - Tech-Ops
6. Use of Model 518 Leak Test Kit - Tech-Ops
7. Picker Industries - Model T/O 571 Gamma Survey Meter

APPENDIX C.....

ACCESSORIES.....

Tech-Ops Model 527 Rayguide Lead Collimator
Tech-Ops Model 714 Collimator
J-Tube

THE H.C. NUTTING COMPANY

CONTROL NO. 7 9 1 2 2

C. Sealed Sources and Devices

1. The H. C. Nutting Company is authorized to use only those sealed sources and devices designated on its' license. A copy of our current license is included in these procedures.
2. Instructions for the safe use of these devices are a part of this manual.
3. Each sealed device is to be clearly labeled with radiation caution symbol and the words CAUTION RADIOACTIVE MATERIAL. Each sealed source shall have a label or tag plainly stating the contents and quantities. Radiographers are responsible for keeping equipment in their possession properly labeled.

II. HANDLING AND USE OF LICENSED SEALED SOURCES

A. General Instructions

Each radiographic device shall be checked with an operable radiation survey meter before it is moved or put into operation. This is to ensure the source is in the container and in a shielded position. Radiographic devices are not to be moved unless it is locked with caps and plugs in position.

Specific instructions for making an exposure with Iridium 692, Tech-Ops Models 660 Camera Automation Industries Model 100A Camera and Cobalt 60 Tech-Ops Model 680 Camera.

1. Have a operating Victoreen Model 592B, survey in your possession.
2. Position source guide tubes at end of camera, straighten the source guide tubes and position film.
3. Position control cable and crank as far as possible from source container and film.
4. Unlock camera and place in the selector ring in the connector position.
5. Keep device locked during all assemble operations.

10. If the swab should show more than 0.2 MR per hour, the Chief Radiographer will withdraw the equipment involved. He will notify the Company's Radiation Safety Officer, the manufacturer and the NRC. The malfunctioning equipment will be returned to the manufacturer following special handling, instructions outlined by the manufacturer. He will notify the NRC Commission, Washington, D.C. by telephone and confirmed by written report. A copy of this confirmation will be forwarded to NRC Region II, Regional Compliance Officer.

J. COMPANY SURVEY METER CALIBRATION - TECH-OPS 571
SURVEY METER CALIBRATION KITS.

- A. Calibration of the Victoreen Gamma-Survey meters listed in Section 2.2 will be performed at intervals not to exceed three (3) months.

The H. C. Nutting Company will use a Tech-Ops 571 Survey Meter Calibration Kit consisting of a 57100-1 directional source shield containing Model Co-.012 Cobalt 60 Source of approximately 12 millicuries, and a tape measure. This calibration will be performed in the rear court area of The H. C. Nutting Company's Laboratories, 4120 Airport Road, Cincinnati, Ohio. A detailed plan of this area is given in Appendix A.

If the instrument readings correspond to the calculated values within a range of plus or minus 10%, it can be considered to be properly calibrated. If the reading does not fall within a plus or minus 10%, of the calculated value, an adjustment is required.

The calibration of Victoreen Model 692-B Radiation Survey Meters will be performed by the Radiation Protection Officer, the Chief Radiographer or a qualified radiographer.

- B. Procedures:

The proper calibration procedure is outlined in the following sections of the Operations & Emergency Procedures Manual.

III. METHODS AND OCCASIONS FOR CONDUCTING RADIATION SURVEYS

All The H. C. Nutting Company's personnel working with sealed sources will have with them at all times, during a radiographic operation an operable 692-B Victoreen Radiation Survey Meter. This meter will be capable of measuring from 0 to 1000 MR/hr radiation levels. The survey meter shall have a small tag attached to it showing the date of the last calibration. It shall be within 90 days.

A physical radiation survey shall be made after each exposure of a radiographic operation. This is to determine that the sealed source has returned to its shielded position. In addition, a physical radiation survey shall be made prior to securing the radiographic exposure device and storage container as specified in NRC CFR 34.43.

Physical radiation survey records shall be kept and maintained for inspection by the NRC.

Should the survey meter and back-up survey meter become inoperable, all operations will cease immediately. They will not resume until a replacement meter is obtained.

Area surveys must be made during each exposure to ensure that the radiation level does not exceed 2 MR per hour at the boundry of the restricted area.

A radiation survey must be made of the passenger department of the vehicle transporting the sealed source to the field job site. The radiation level of the passenger department must not exceed 2 MR per hour.

Batteries for the survey meters will be checked using a battery tested at interval not to exceed one month.

Since all normal of The H. C. Nutting Company's radiographic work will be performed at the field job sites, the following precautions must be followed:

A. RESTRICTED AREAS

All restricted areas must be kept under constant surveillance by the radiographer or radiographer assistant. Rope and radiation signs shall be used to designate the perimeter of the restricted area.

VII TRANSPORTING SEALED SOURCES TO FIELD LOCATIONS, PACKING OF
RADIOGRAPHIC EXPOSURE DEVICES AND STORAGE OF CONTAINERS IN
VEHICLES, POSTING OF VEHICLES AND CONTROL OF SEALED SOURCES

1. In transporting seal sources to field locations, the source must be locked and the key assigned to the radiographer in charge. The sealed source must be locked and placed in a locked box, secured in the truck or trailer to prevent movement during transporting. The vehicle must be properly posted in accordance with the Department of Transportation regulations, Section 177.823 Title 49. The following requirements must be met:
 - a) Vehicle must be posted on front, rear and two sides with the proper radioactive signs.
 - b) Letters are to be black on yellow background, at least two (2) inches high and a minimum stroke width of 1/2 inches. Yellow background to extend at least one inch above and below letters.
 - c) Signs are to be placed no closer than three inches from any other sign or lettering.
 - d) These signs must be removed or covered when radioactive materials are not being transported.
2. The radiographer will be responsible for keeping the signs on the vehicle clean and clearly visible. When the vehicle is used for temporary storage of radioactive material, the vehicle will be posted on four sides with the signs - CAUTION - RADIOACTIVE MATERIAL.
3. Prior to departing to a field exposure site, the transporting vehicle must be equipped with sufficient material to establish a restricted area in case of an accident.
4. The radiographer must have a Victoreen Model 692B Survey Meter, which has been calibrated within 90 days, a Victoreen Model 541-A Dosimeter and a Gardray Film Badge. The source must be placed as far away from the driver of the vehicle as possible.
5. The radiogrpaher must monitor the source device to determine that the amount of radiation on the surface of the device. The radiation must not exceed 200 MR per hour or 10 MR at one meter.

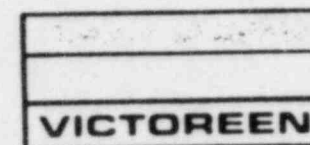
OPERATING
INSTRUCTIONS

MODEL 692

GAMMA SURVEY

METER

Manufactured by
Victoreen, Inc.
415 Pineda Ct.
Melbourne, Florida 32935
U.S.A.



VICTOREEN

USER CAUTION

If this instrument is intended for the detection and measurement of ionizing radiation, it should be used only by persons who have been trained in the proper interpretation of its readings and the appropriate safety procedures to be followed in the presence of radiation.

All Instructions and warnings contained in this manual or on the instrument must be read before use and must be strictly followed. Failure to follow these instructions and warnings may result in inaccurate readings and/or user hazard. Battery and other operational checks must be performed prior to each use to assure that the instrument is functioning properly.

READ YOUR INSTRUCTION MANUAL

GAMMA SURVEY METER

Model 692

Made by VICTOREEN, INC.

Florida 32935

A Sheller-Globe Corporation Subsidiary

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0 GENERAL DESCRIPTION

The Model 692 Gamma Survey Meter, shown in Figure 1, is a battery-powered ion chamber survey meter with the broad and flat energy response typical of ion chamber instruments. It measures gamma and X-rays in the range from 50keV to 1.3MeV. The ion chamber detector is much more energy independent than, for instance, a GM tube detector or a scintillating crystal detector. This contributes greatly to the overall accuracy of a radiation survey.

1.1 Specifications

Dimensions:	12"L x 4 3/4"W x 6 3/4"H (30.5cm x 12.2cm x 17.1cm)
Weight:	5 lb. (2.3 kg)
Case:	Fiberglass with light gray matte finish
Power Source:	Two D cells
Battery Life:	100 hours @ 4 hours/day
Detector:	Air ionization chamber at atmospheric pressure
Active Volume:	Approximately 200 cc
Radiation Detected:	Gamma and X-ray above 50 keV effective
Operating Ranges:	Four overlapping linear ranges: 0 to 10, 0 to 100, 0 to 1,000 and 0 to 10,000 mR/h
Accuracy:	(excluding energy dependence) $\pm 10\%$ of full-scale reading
Energy Dependence:	$\pm 10\%$ from 60 keV to 1.3 MeV effective
Warmup Time:	5 minutes
Exposure Rate Limitations:	Instrument will indicate full-scale in fields up to 2000R/h
90% Response Time:	5 seconds on most sensitive range; 2 seconds on all others
Drift:	Less than 2% per hour
Operating Temp.:	32° to 120°F (0° to 50°C)
Humidity:	0 to 90% noncondensing

Temperature Dependence:	Less than 10%
Humidity Dependence:	$\pm 5\%$
Geotropism:	$\pm 2\%$ of full-scale
Controls:	Function Switch, Zero Control
Readout:	3 in. panel meter

1.2 Readout

The readout is given in mR/h. The meter scale is graduated from 0 to 10. The ON/OFF range switch indicates by its position the appropriate multiplying factor.

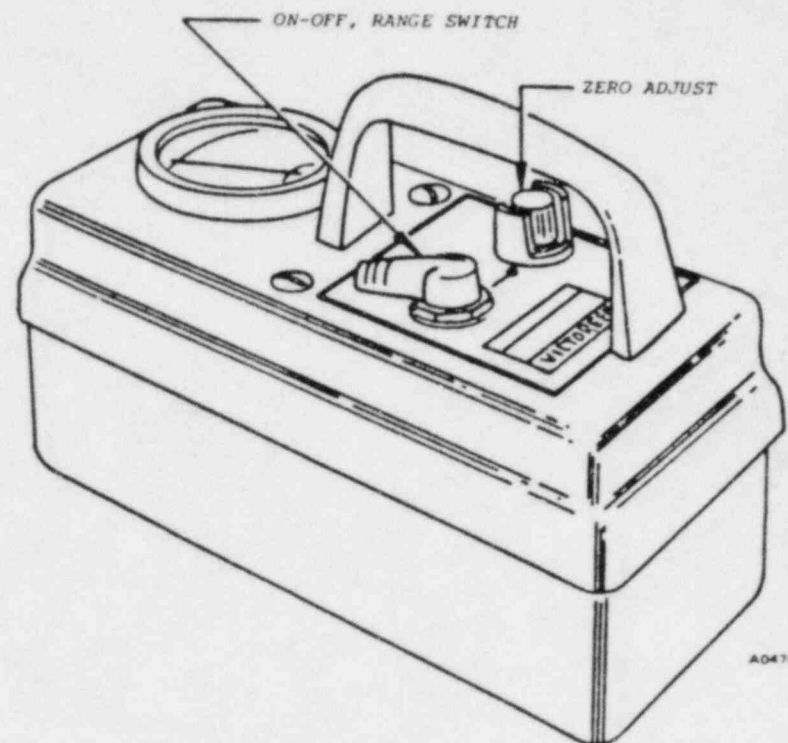
1.3 Case

All elements including ion chamber, preamplifier, amplifier, controls and readout are contained in a two-piece fiberglass case held together by two Dzus fasteners.

2.0 OPERATION

1. Turn the range switch to the BAT position to verify the condition of the battery. Replace both cells if the meter indication is below the check band. (See Section 4.1, Battery Replacement).
2. Turn the range switch to the Zero position. Adjust the zero control (right-hand control) until the meter needle is on zero.
3. Switch to a convenient range and test the instrument using a source of known radioactivity. If the instrument reacts correctly to this test then it is ready for use in surveying. Repeat the test with the source frequently.
4. When surveying with the instrument, use the most sensitive range on which a reading will show.

CONTROL NO. 7 9 1 2 2



A0475

FIGURE 1. View of Gamma Survey Meter 692 Showing Operating Controls

3.0 FUNCTIONAL DESCRIPTION

3.1 External Controls

The top section of the case of the survey meter contains the Readout Meter, the Range Switch and the ZERO knob.

3.1.1 Readout Meter - All readouts are given in mR/h. The meter is marked off from 0 to 10. Whatever figure is indicated on the meter scale is multiplied by the factor indicated by the Range Switch to give the true reading in mR/h. When the Range Switch is in the BAT position, the meter indicates the condition of the battery. As long as the needle is in the check band (the black band at the right-hand end of the scale) the battery is in operational condition.

3.1.2 Range Switch - The Range Switch is located under the instrument handle on the left side of the cover surface. It has seven positions: OFF, BAT, ZERO, X1000, X100, X10 and X1.

When the switch is in the OFF position, all power is removed from the instrument circuits and the instrument is not operating.

When the switch is in the BAT position, the condition of the battery is being displayed on the Readout Meter. When the switch is in the ZERO position, the circuits are powered but no radiation is being indicated. This position is useful for zeroing the meter.

When the switch is in the X1000 position, the instrument is reading on the 0 to 10,000mR/h range and all meter readings are to be multiplied by 1,000.

When the switch is in the X100 position, the instrument is reading on the 0 to 1,000mR/h range and all meter readings are to be multiplied by 100.

When the switch is in the X10 position, the instrument is reading on the 0 to 100mR/h range and all meter readings are to be multiplied by 10.

When the switch is in the X1 position, the instrument is reading on the 0 to 10mR/h range and all meter readings can be read directly from the meter in mR/h.

3.1.3 ZERO Knob - The ZERO knob is located under the instrument handle on the right side of the cover surface. It operates a potentiometer to bring the meter needle back to ZERO position if it has drifted away. Adjustments are made with the Range Switch in the ZERO position.

3.2 Preamplifier

The preamplifier is on a round PC board mounted in the same enclosure with the ion chamber. Included on this board, shown in Figure 2, are a dual MOS FET input, the high-megohm feedback resistor and a high-impedance switch. There is also an overvoltage protecting diode mounted on this board.

3.3 Main PC Board

The main PC board, shown in Figure 3, contains the amplifier circuit and the power supplies.

3.3.1 Amplifier - The signal amplifying element is the OP AMP, U2, as shown in Figure 4. SW1 operates the reed switch, RS1, on the preamplifier board in accordance with the function setting of SW1.

3.3.2 Power Supplies - Source for the power supplies is the 3 volt output of the two "D" cell batteries. This voltage is fed through a voltage regulator to an oscillator circuit which feeds the primary of T1. Outputs of T1 are rectified and regulated to produce supplies of -42V, -10V and +20V. The -10V and +20V supplies are used to power the OP AMP and the -42V supply furnishes collection voltage for the ion chamber.

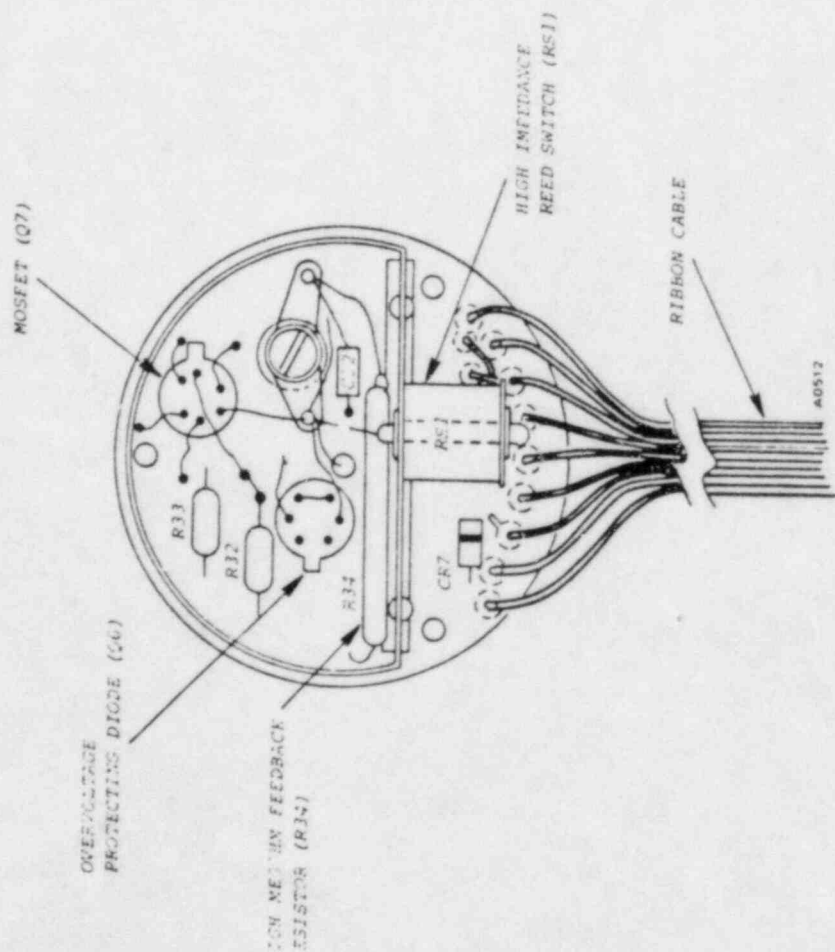
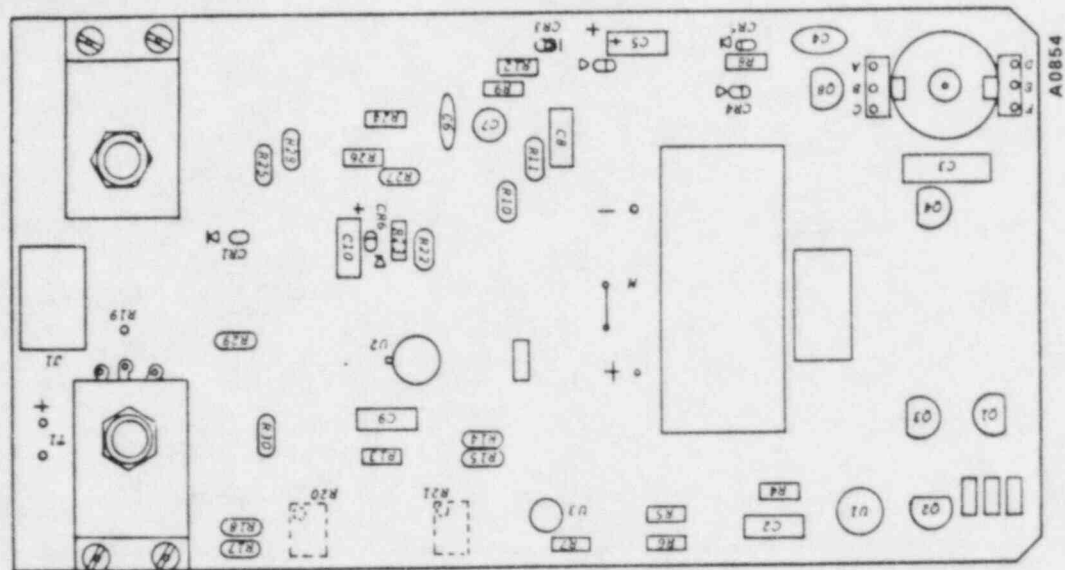


FIGURE 2. Pre-amplifier Board

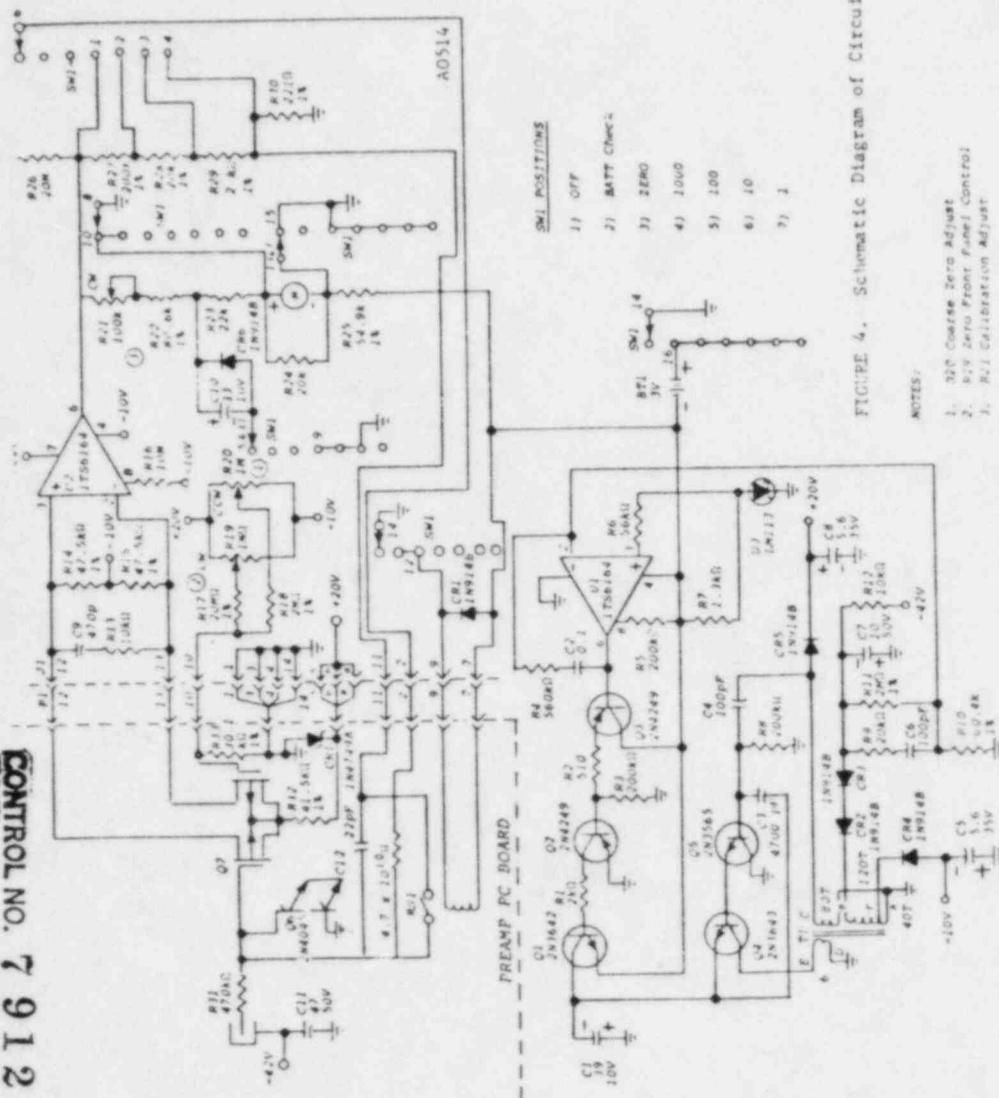


FIGURE 4. Schematic Diagram of Circuit Board

4.0 MAINTENANCE

Test the battery before each operation of the instrument. Figure 4 can be used to troubleshoot the instrument in the event of failure.

To open the case, turn two Dzus fasteners on the top face of the case one quarter turn counter-clockwise and pull apart the top and bottom sections of the case. The circuit board and battery container are thus exposed for service.

4.1 Battery Replacement

The battery complement of two D size batteries (Eveready No. 950 or equivalent) is located at the head of the instrument.

It is important that the batteries be inserted according to the label on the battery holder. Batteries insert backwards could result in damage to the instrument.

4.2 Ion Chamber Replacement

To replace the ion chamber, turn off the instrument. Open the case as outlined in Paragraph 4.0 above. The cylindrical ion chamber assembly is held in place by two clamping straps. Release the clamping straps. Tip the rear of the chamber slightly away from the dry cell containers and carefully remove the plug at the rear of the chamber. Remove the chamber and put in its place the new chamber. Insert the plug into the rear of the new chamber. Lower the chamber into position and secure it with the two clamping straps. Before the instrument case is reassembled, the coarse zero must be adjusted according to the procedure below.

BEFORE USE, THE INSTRUMENT MUST BE RECALIBRATED.

4.3 Coarse Zero Adjust

Turn the ZERO knob on the top of the instrument eleven full turns in the clockwise direction. Then return the knob approximately five full turns in the counter-clockwise direction. This will put the 10-turn potentiometer in approximate mid position. Turn the Function Switch to the ZERO position. If the case is closed, open it according to the procedure of Paragraph 4.0. Two trimpots will be seen extending below the printed circuit board. These are R20, coarse zero adjust and R21 calibration adjust (See Figure 5).

Use a fine-bladed screwdriver to adjust the coarse zero trimpot screw on the circuit board (R20) until the meter reads approximately zero. Replace the circuit board and reassemble the instrument.

5.0 CALIBRATION

The bottom case is to be removed to expose the calibration adjustment. This is a small brass trimpot screw (R21).

Put the instrument in a beam of ionizing radiation of known intensity with suitable coverage and uniformity. Use a fine bladed screwdriver and adjust the trimpot until the instrument reads the correct value.

The instrument setting should be verified at several exposure rate levels to insure linearity.

There is only one calibration control on the Model 692. Two factors in the design of the instrument make this simplicity possible:

- The feedback divider string is composed of precision resistors having a 1% tolerance. The relationship between these resistors should remain constant almost indefinitely. Nevertheless, periodic calibration verifications across all ranges of the instrument are recommended.
- The ion chamber is sealed at atmospheric pressure. Thus, calibration should be independent of altitude or barometric pressure. However, long-term storage or use under other than sea-level conditions may cause a calibration shift.

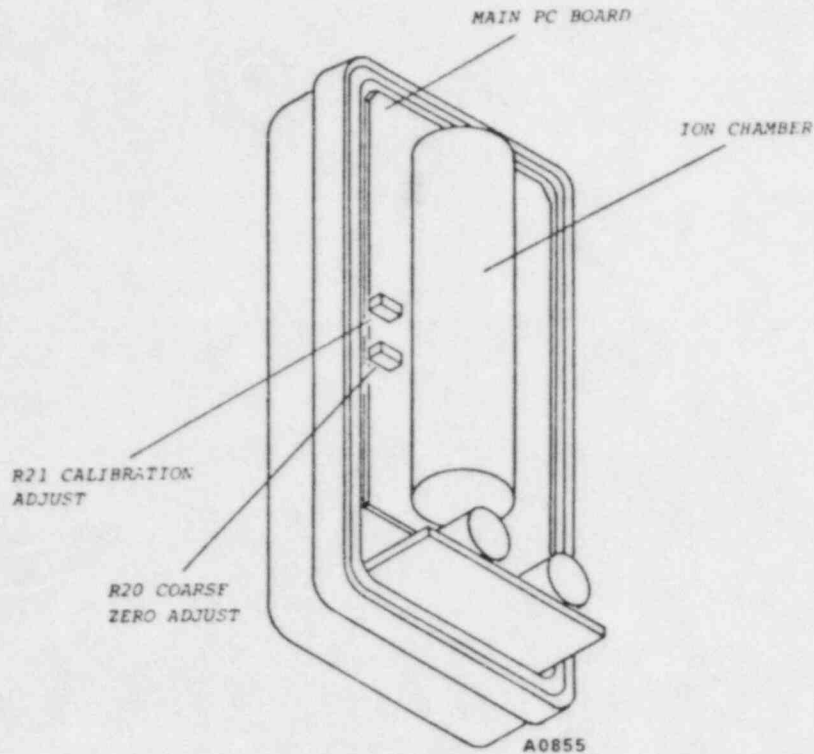


FIGURE 5. Location of R20 and R21 on Main Printed Circuit Board

6.0 REPLACEABLE PARTS LIST

INSTRUMENT Gamma Survey Meter MODEL NO: 1015 ISSUE DATE 1/84
 SERIAL NUMBERS: _____ TO _____
 SCHEMATIC REFERENCE: C101515

Unless otherwise noted on the schematic, resistors are .25W, 5% carbon film; non-polarized capacitors are ceramic disk type, 20% tolerance, 100VDC; and capacitors marked "FILM" are 10% tolerance, 100VDC.

The above items are considered readily available and are not listed in the replaceable parts list.

If it is necessary to order non-listed replacement parts, specify the model, schematic reference designation or description, and instrument serial number.

SCHEMATIC REFERENCE	DESCRIPTION	PART NUMBER
	PREAMPLIFIER	
	Shield, preamp PC board	692-1-28
	Ribbon cable	50-87
6	Transistor, 2N4045, processed	23-162
7	MOS FET, processed	23-163
31	Resistor, 470K, 1/4W, 5%	185-3482
32	Resistor, 47.5K, 1/4W, 1%	185-3542
33	Resistor, 30.1K, 1/4W, 1%	185-2498
34	Resistor, 4.7 x 10 ¹⁰ Ohm, MOX 1125	185-3864
35	Resistor, 10K, 1/4W, 5%	185-1420
R7	Diode, 1N4749A	52-172
12	Capacitor, 22pf, polystyrene	21-942
51	Reed switch	470-167
51	Coil Assembly	470-141
51	Eyelet	37-40
51	Coil retainer washer	44-91
	Kovar seal, processed	441-114

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VFD #040040A

Revisions:

SCHEMATIC REFERENCE	DESCRIPTION	PART NUMBER	UNIT COST
	MAIN PC BOARD		
	Bracket, switch & pot mounting	692-1-19	
	Standoff	692-1-36	
T1	Transformer Assembly	692-1-46	
J1	Female socket, 14 pin	33-83	
U1,2	IC ITS6164	63-9	
U3	IC LM113	63-89	
Q1	Transistor, 2N3642	23-62	
Q2,3	Transistor, 2N4249	23-90	
Q4	Transistor, 2N3643	23-69	
Q5	Transistor, 2N3565	23-66	
CR1,2,3,4,			
5,6	Diode, 1N914B	52-219	
SW1	Switch	692-1-48	
R1	Resistor, 2K, 1/4W, 5%	185-1484	
R2	Resistor, 510 Ohm, 1/4W, 5%	185-1481	
R3,5,8	Resistor, 200K, 1/4W, 5%	185-1425	
R4	Resistor, 560K, 1/4W, 5%	185-2421	
R6	Resistor, 56K, 1/4W, 5%	185-1423	
R7	Resistor, 1.3K, 1/4W, 5%	185-3441	
R9,24	Resistor, 20K, 1/4W, 5%	185-1459	
R10	Resistor, 60.4K, 1/4W, 1%	185-3415	
R11,18	Resistor, 2M, 1/4W, 1%	185-3538	
R12,13	Resistor, 10K, 1/4W, 5%	185-1420	
R14,15	Resistor, 47.5K, 1/4W, 1%	185-3542	
R16	Resistor, 10M, 1/4W, 5%	185-1433	
R17	Resistor, 20M, 1/4W, 1%	185-3825	
R19	Potentiometer, 1M	22-1053	
R20	Trimpot, 1M	22-1051	
R21	Trimpot, 100K	22-1068	
R22	Resistor, 80.6K, 1/4W, 1%	185-3568	
R23	Resistor, 22K, 1/4W, 5%	185-2466	
R25	Resistor, 54.9K, 1/4W, 1%	185-3921	

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REVISIONS:

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NOTES

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CONTROL NO. 9.22

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VISIONS:

NOTES

WARRANTY

This instrument and its accessories, excluding those accessories listed below, is warranted by VICTOREEN, INC., against defects in materials and workmanship for a period of one year* from the date of original shipment. During the warranty period, VICTOREEN will repair or, at its option, replace at no charge, an instrument containing such defect, provided that it is returned, transportation prepaid, to the VICTOREEN repair facility listed below or other VICTOREEN authorized facility. Instruments repaired in warranty will be returned transportation prepaid within the United States.

*Specific mechanical products may have a more limited warranty period as stated in the front of this manual.

In addition, the calibration of each instrument is warranted to be within its specified accuracy at the time of shipment. If an error in this initial calibration is discovered, the instrument will be recalibrated at no charge, provided it is returned as described above. This does not apply to any calibration deviation that may result from normal use.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THIS EXPRESS WARRANTY EXCLUDES COVERAGE OF AND DOES NOT PROVIDE RELIEF FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO LOSS OF USE, LOSS OF SALES OR INCONVENIENCE. THE EXCLUSIVE REMEDY OF THE PURCHASER IS LIMITED TO REPAIR, RECALIBRATION OR REPLACEMENT OF THE INSTRUMENT AT VICTOREEN'S OPTION.

This warranty does not apply if the product, as determined by VICTOREEN, is defective because of normal wear or accident or misuse, or as a result of service or modification by other than an authorized VICTOREEN repair facility. This warranty is void if the unit is subjected to temperatures above 55°C., or contaminated with radioactive material.

This warranty specifically excludes the following items which are covered by their original manufacturers' warranty: photomultiplier, geiger and proportional tubes, crystal and other solid state detectors, batteries and major ancillary items of instrument systems, such as, but not limited to, recorder, printers and display devices.

NON-WARRANTY SERVICE

If repairs or replacement not covered by this warranty are required, a repair estimate will be submitted for approval before proceeding with the repair or replacement.

REPAIR SERVICE - Return the product, prepaid, to:

VICTOREEN INC.
415 Pineda Court
Melbourne, FL 32935

- or call (305) 259-6862

IMPORTANT In order to expedite your repair, please supply the following: 1) Complete detailed description of problem, 2) Purchase Date, 3) Name of Vendor, 4) Order Number. Also, indicate which, if any, accessory items (batteries, carrying case, check source, voltage converter, etc.) are included in the return.