



"FROM THE TRENCHES"

with Beth Hall and Rollie Cantu

"YEAR 2000" COMPLIANCE

As a member of a technical industry, you are, no doubt, aware of the situation that some computer systems or software may not allow for the change in date when the calendar rolls over to January 1, 2000 - the "Year 2000" or "Y2K" problem. Specifically, the computer should recognize that the date 01/01/00 follows 12/31/99. For example in the Model 2360 with a calibration due date of 12/31/99 should take itself out of service on 01/01/00.

Ludlum Measurements, Inc. has reviewed the software contained in Ludlum instruments and performed testing on "candidates" for problems with Year 2000 compliance. We found all LMI sys-

tems to be fully compliant. No malfunctions or errors were found with the respect to digit rollover to "00" in any of the instruments. These "candidate" instruments are as follows:

- Data Loggers:** M 2350
M 2350-1
M 2360
- Laundry Monitor:** M 329-32
- Hand/Shoe Monitors:** M 49-12

While not specifically listed, it should be mentioned that all other LMI instruments are Year 2000 compliant, as well. While the "Y2K" problem is not a concern for your

Ludlum-manufactured system, if you have specific questions, please feel free to call us at (800) 622-0828. □

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Online Services
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REPAIR DEPARTMENT NEWS

LMI offers both calibration and repair services on all our products as well as most of those manufactured by others. Our prices for these services are very competitive and we charge nothing for evaluation of your instruments. Repair and modification fees are based on material (parts) cost plus labor charges. See the chart for rates.

All repairs will be quoted before the work is completed and upon your request, we will give you a call with a firm quote of repair. When

sending instruments in for service, please include the following:

- ◆ Your company name and address (both shipping and Billing)
- ◆ The contact person and phone no.
- ◆ A brief description of the problem or service required
- ◆ Purchase order number or reference number

Our turn-around-time for

these services vary due to instrument volume, holidays, etc. The next time your instruments need calibration or repair service, remember LMI for competitive prices and prompt service. □

Type of Labor	Labor Rate/Hr
Technician	\$ 50.00
Engineering	\$ 70.00
Shop	\$ 50.00

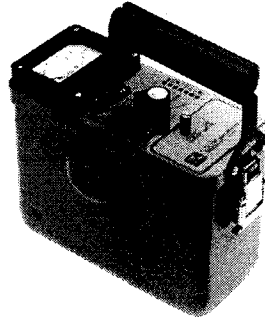
MODEL 192 SURVEY METER

The Model 192 combines microprocessor intelligence and a sensitive NaI internal detector to create a very helpful, low-level survey meter, suitable even for the inexperienced users.. This unit has a built-in internal 2"x 1" NaI crystal detector which offers optimum performance in counting low level gamma radiation.

Model 192 features two types of alarms:

1) a user-adjustable, meter driven alarm that will activate a steady tone and alarm LED.

2) A deviation beep alarm which "beeps" and flashes the alarm light when the radiation level rises above background. The background level is determined by an 8-second interval following power-up or following a reset.



The beeps and flashing LED warn the user of statistical increases in the radiation level.

Specifications

- **DETECTOR:** 2" x 1" NaI xtal (internally mounted scintillation detector)
- **POWER:** two standard "D" size batteries provide over 300 hours of operation
- **OPERATING RANGE:** -4 to 122°F (-20 to 50° C)
- **SIZE:** 8.5"H x 3.5"W x 8.5"L including handle
- **WEIGHT:** 5 lbs including batteries
- **PRICE: \$ 1250.00**

For more information on this product, please contact our Sales office. □

MODEL 4901P HAND AND SHOE MONITOR

The Model 4901P Beta/Gamma Hand & Shoe Monitor is intended for use as a medium level beta and gamma contamination monitor. There are four count channels in the standard configuration, monitoring the palms of each hand and the soles of each shoe.



The Model 4901P employs a total of twenty-two pancake G.M. type detectors, five in each hand detector (palm side only) and six in each foot detector. LED indicators show status and alarm location. The Model 4901P allows parameter updating by viewing the built-in 16-character LCD display. Detector counts, background, alarm set points and all parameters may be viewed on the LCD display.

Switches at each hand detector initiate an interrogation (both switches must activate). Audible alarm and status change indications are standard.

Features of the Model 4901P include: automatic background accumulate with subtract, password protection of parameters, pushbutton adjustment of the alarm audio volume and simple LED

status indicators. All parameters are stored in non-volatile memory, requiring no backup battery.

SPECIFICATIONS

- **WEIGHT:** 45 lbs.
- **DIMENSIONS:** 29.5" wide X 15" deep X 40" tall.
- **POWER:** 102-132 VAC, 50/60 Hz, 50 watts maximum.
- **COUNTING CAPACITY:** 9999 counts per minute.
- **SENSITIVITY:** 30 millivolts nominal.
- **COUNT TIME:** Adjustable from 1 to 99 seconds
- **ALARM HOLD TIME:** Adjustable from 1 to 99 seconds.
- **AUDIO:** Piezo speaker with keypad adjustable alarm volume.
- **BACKGROUND TIME:** Background accumulate time, adjustable from 1 - 99 seconds.
- **BCKGRND UPDATE INTERVAL:** Adjustable from 1 to 99 minutes. A background count will take place, if the machine is not in use, every interval specified by this timer.
- **FORCE UPDATE:** Background accumulation will be forced within this interval of time if an automatic accumulation has not been made.

If you would like more informaton on this product please call our Sales office. □

INSTRUMENT CALIBRATION/REPAIR TRAINING



LMI offers customer training on calibration and instrument repair at our facility in Sweetwater, Texas. This training

consists of hands-on calibration and repair/trouble-shooting of instruments with our technicians. Training usually takes about three days, and is provided at **no charge**.

We also provide on-site instrument training at your facility on request. Fees for this training are based on a rate of \$ 50.00/hr per person, portal to portal, plus expenses. □



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