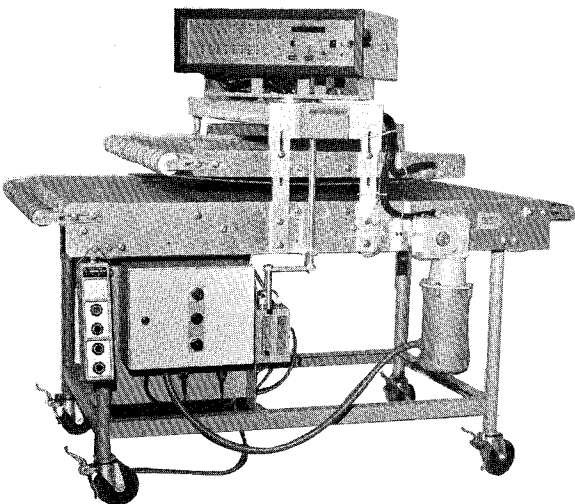


**MODEL 329-1**

*June 1987*



The last issue of our newsletter featured the insert of the new Model 329-1 Laundry Monitor. Due to the amount of interest in this product we would like to tell you a little more about it.

Our Model 329-1 utilizes two gas proportional detectors which are positioned above and below the laundry conveyor. Each detector incorporates a background section providing coincidence subtraction and ambient background data. An ambient background monitoring system alerts the user to an unacceptable change in background levels.

There are eight counting sections in each of the two detectors, giving a total of 16 alpha and 16 beta/gamma count channels. Pulse height analysis is used for beta/gamma and alpha separation. The 329-1 has two alarm levels for both alpha and beta/gamma channels. The beta/gamma alarm count range is from 1 to 9999 and the alpha range is from 1 to 15 per period. The first level alarm has a selectable conveyor stop while the second level alarm completely shuts the conveyor down. The location of the contamination and the radiation type indicators are easily visible from the front panel.

*June 1987*

**MODEL 44-9**

Just recently we have found that the detector in our Model 44-9 cannot withstand high altitude in a non-pressured environment. After receiving numerous complaints on the consistency of the Model 44-9 pancake G-M detector, the Ludlum Measurements Quality Control Department found that all the problems were limited to those instruments sent to customers that specified overnight freight. Through further investigation we found that some freight companies' smaller airplanes are not pressurized, thus damaging the tube.

Therefore LMI will be unable to warrant our Model 44-9 alpha, beta, gamma detector if delivery is specified by the customer to be sent Federal Express Overnight or UPS Red. However, if we are given permission to package the detector tube in a separate vacuum packed container which will require a simple assembly of the detector tube into the instrument when received by the customer we will still have our warranty and we will deliver the instrument using overnight freight. Of course, instructions on how to insert the tube into the instrument would be provided and all technical advice given over the phone would also be at no charge to the customer.