

LAUNDRY INSPECTION MONITOR

Model ~ LIM-20

FEATURES:

- SETTABLE ALARM
- FAST RESPONSE
- LEAD SHIELDING ON DETECTORS
- AUDIBLE AND VISUAL ALARMS
- P-13 HAND PROBE FOR LOCALIZING CONTAMINATION
- EIGHT DETECTORS
- EIGHT CHANNELS



LIM-20 METER

APPLICATION:

The Model **LIM-20** Laundry Inspection Monitors is a simplified, low-cost instrument for monitoring clothing and equipment worn in Beta/Gamma contaminated areas.

DESCRIPTION:

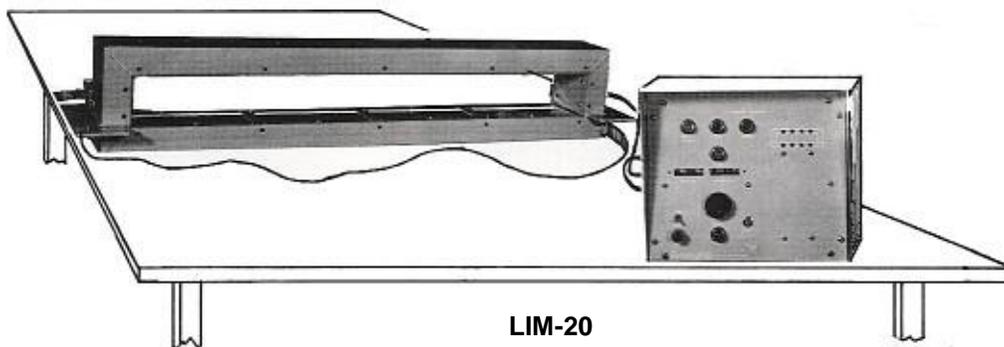
Before being sent from the use area or after being washed and prior to re-issue, the material is passed through the monitoring frame where it is scanned:

LIM-20 - eight lead-shielded detectors

Laundry material having residual contamination in excess of permissible preset level will cause an immediate alarm.

LIM-20 – is an eight channel unit which feeds information from each of the eight detectors to a separate readout and alarm

A TA Model **P-13** Hand Probe is standard equipment with these monitors for the purpose of localizing detected contamination.



LIM-20
DETECTOR RACK, TABLE & METER SETUP



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

7051 Eton Ave., Canoga Park, CA 91303
818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM

Divisions of  US NUCLEAR CORP

LAUNDRY INSPECTION MONITOR

Model ~ LIM-20

SPECIFICATIONS:

	LIM-20
Detector Channels:	Eight Separate Counting Channels Plug In Circuit Cards
Count Time:	Settable count time, 1 to 99 seconds.
Alarm Setting:	Settable in 100 steps from 10 to 990 counts
Front Panel Display:	Separate Indicator Lights for Each Status: <ul style="list-style-type: none">• Ready to Count• Counting• Count Okay• Count Incomplete• Low Background / System Fault• Alarm: Visual 'Flasher', Audio 'Sonalert'• Eight Contamination Locator Lights
Detectors:	Same as LIM-19 Except with Eight Detectors in the Frame (1) T-1110 GM Tube in Hand Probe P-10
Sensitivity:	Less than 0.02 μ Curies (Beta / Gamma)
Shielding:	1/4" Lead Provides 180° Shielding Behind Each Detector to Reduce Background Count and Directionalize Sensitivity
Power:	110V, 50-60hz (Optional – Other Operating Voltage or Frequency)
Dimensions:	Frame 44" wide x 4" high inside (Optional – Size can be varied at factory within reasonable limits.
Shipping Weight:	190 lbs



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

Divisions of



US NUCLEAR CORP

7051 Eton Ave., Canoga Park, CA 91303
818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM