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DCA Area Alarm Monitors

	Model 3096-3 And Model 3096-3 Sv	Model 3090-3 And Model 3090-3 Sv	Model 3090-HR And Model 3090-HR Sv
	 External Probe -Optional	 External Probe -Optional	 External Probe -Optional
Radiation Detected	X-Ray and Gamma		
Range (with Internal detector)	0.1 mR/h to 2 R/h 0.001 mSv/h to 20 mSv/h	1 mR/h to 100 R/h 0.01 mSv/h to 1,000 mSv/h	10 mR/h to 1,000 R/h 0.1 mSv/h to 10 Sv/h
Range of Alarm settings	0.2 mR/h to 2 R/h 0.002 mSv/h to 20.0 mSv/h	2.0 mR/h to 100 R/h 0.02 mSv/h to 1,000 mSv/h	20 mR/h to 1,000 R/h 0.2 mSv/h to 10 Sv/h
Detector Type	Energy Compensated, halogen quenched GM tube (Internal & External)		
Optional External Detector	Available with 50 ft or 100 ft cables (when external probe is connected the internal detector is disabled)		
Probe Part #	3093A (fixed) or 3093B (quick attach probe end)	3094A (fixed) or 3094B (Quick attach probe end)	3095A
Energy Response	±30% 80 keV to 1.22 MeV		
Accuracy	Within ± 20% referred to Cs-137 from 0.2 mR/h to 2 R/hr	Within ± 20% referred to Cs-137 from 2 mR/h to 100 R/hr	Within ± 20% referred to Cs-137 from 20 mR/h to 1,000 R/hr
Speaker	Sonalert>80 dBA @ 2Ft on front Panel		
Visual Indicators	Power ON,LED on front panel, red alarm light on top of instrument		
Accumulated Dose	GM tube life is Approx. 2,000 Rads	GM tube life is Approx. 10 K Rads	GM tube life is Approx. 100 K Rads
Response time	90% of final reading within 7 seconds		
Power AC Power DC Power	Operates from AC power and/or optional backup battery pack. Nominal 4 watts, Fused at 1/8 Amp. 115 VAC ±15%, 60 Hz or 230 VAC ±15%, 50 Hz + and – 9 volts connected to appropriate pins of auxiliary connector		