

Integrated Frisker



Dimensions: 10.7" L x 2.7" W x 1.8" H
Weight: 1 lb

Features

- Integrated, Lightweight Design Simplifies Frisking
- High-Impact Plastic with Water-Resistant Rubber Seals
- Employs Standard 15.51 cm² GM Pancake Detector
- Displays in mR/hr, μ Sv/h, dpm, Bq, cpm, or cps
- Dead-Time Correction (DTC) Allows Gamma Measurements Up to 500 mR/hr or Up to 1999 μ Sv/h
- Simple Three-Button Operation
- Count Rate, Dose/Exposure, and Counting Alarms
- Automatic Display Backlight
- Bright **Red Flashing ALARM** LED
- Includes Wrist Strap, Clear Pancake Cover & Ludlum Lanyard

Specifications:

Detector:	Pancake GM detector, stainless steel screen (79% open)
Window Area:	Active 15.51 cm ² (2.4 in ²) Open - 12.26 cm ² (1.9 in ²)
Efficiency:	Alpha 239Pu : 11%, 99Tc : 18%, 32P : 32% Beta 14C : 2%, 90Sr/Y : 22%, 125I : 0.2% Gamma 137Cs : 5.5 cps per μ Sv/hr (3300 cpm per mR/hr), 99mTc : \leq 1%
LCD Display:	3½ digit LCD with large 12.7 mm (0.5 in.) digits, low-battery indicator, MAX, ALARM Units: (k)cps, (k)cpm, (k)dpm, (k)Bq, mR/hr, μ Sv/h, Bq, and dpm
Range:	0.1 cps to 19.9 kcps, 1 cpm to 999 kcpm, 0.0 to 500 mR/hr, 0.01 to 1999 μ Sv/h, 0.1 to 19.9 kBq
Backlight:	Built-in ambient light sensor automatically activates low-power LED backlight, or may be configured for 'Continuous On' operations (will reduce battery life)
Controls:	ON / OFF / Quiet Mode: Alternates between: NORMAL : count rate MAX : captures peak rate COUNT : user-selectable preset count time from 0 to 20 min. Units: Changes units between: Count rate (cpm, cps), Dose/Exposure (μ Sv/h, mR/hr), Activity (dpm/Bq)
Response Time:	User-selectable from 1 to 60 s, or automatic FAST or SLOW
Resolving Time:	Approximately 110 μ s as defined by IEC 60325
Alarms :	Count rate and scaler alarm setpoints adjustable over the display range
Zero Protection:	After 60 s of no pulses from detector, unit will flash a zero reading and the alarm audio will be triggered
Overload:	High rate saturation protection, indicated by flashing display and audio alarm, prevents false display of lower count rates
Click Audio:	Greater than 60 dB at 0.6 m (2 ft)
Temperature Range:	-20 to 50 °C (-4 to 122 °F) May be certified for operation from -40 to 65 °C (-40 to 150 °F)
Power:	Two "AA" batteries
Battery Life:	Approximately 1000 hours of operations (16-hour low battery warning) (as low as 500 hours with backlight configured for 'Continuous On')