

Digital Frisker

Small Digital Ratemeter with separable 2" diameter pancake probe. Reads out in mR/hr (Optional mSv/h or cpm/cps. Thin probe window is recessed and protected by sturdy stainless steel grill. Instrument will see alpha, beta and gamma radiation. Anti-saturation circuit will not fall below full scale in high fields. Tested to 100 R/hr. Sonalert gives audible rate indication.



APPLICATION: Its small size, light weight, separable probe and large detector area make this a very useful monitor for surveying bench tops or checking hands, clothes and fingertips for almost any radioactive contamination.

Features

- Light Weight
- One Hand Operation
- No Range Switching
- Detachable Pancake Probe
- Built-In Sonalert
- Anti-Saturation Circuit

Specifications

- Read-out: Rugged 6 digit display.
- Ranges: 0.01 to 100 mR/hr, no range switching.
- Battery Test: Push button.
- Audio: Sonalert.
- Detector: T-1190 2" diameter (5cm) "pancake GM" tube.
- Window Diameter: 1 3/4" (4.5 cm)
- Window Thickness: 1.5 mg/cm
- Quench Gas: Halogen for long life.
- Background: Typical 50 cpm. Thin profile of tube (13mm) gives low background.
- Efficiency: 100% for all betas and alphas that have sufficient energy to penetrate the thin window. (See attached graph pg. 2)
- Physical Dimensions: 3" W x 5 1/4" L x 2 1/4" D (7.6 x 13.3 x 6 cm) (excluding probe, meter, and handle).
- Calibration: Single master calibration pot as well as programable calibration factor.
- Power: 6 "AA" cells.
- Weight: Electronics only: 22 oz. (625 g)
- Total: including separable pancake probe 34oz. (0.97 kg)
- Battery Life: 100 hours in normal operation (Longer with Li or NiMH Battery).

Digital Frisker..... 5250-0140