

Teletector[®] 6112AD

Telescoping Dose Rate Meter



FEATURES OF THE NEW TELETECTOR 6112AD

- Allows users to adapt the scope of functions from simple to quite complex
- Static LCD with bright white LED backlight provides excellent contrast in any light condition from complete darkness to direct sunlight. Backlight level controlled automatically with light sensor.
- Motion sensor saves energy by automatically dimming the backlight or switching the Teletector off when do not in use.
- Very low power consumption. The battery life is up to two years in measuring mode and 15 – 20 years in sleep mode. Internal clock does not require a separate back-up battery.
- Counting tubes checked automatically in measuring mode and once per day in sleep mode.
- Automatic counting tube substitution: If the low range tube fails, the high range tube will take the job.
- Speaker emits both pleasant melodies to guide the user and aggressive warning tones in case of radiological alarms.
- Orange-colored LED for additional visual warnings.
- Indicates both, dose rate over-range and under-range.
- Automatically archives the data of the last 496 Teletector uses without requiring any user action or attention. May also be used for intentional data logging.
- Surveillance of the date of the regular radiological check.
- Supports external probes.
- Service-friendly:
 1. Only two printed circuit boards (one main board in the housing and the probe board in the counting tube probe)
 2. Energy compensation is not firmly fixed at the counting tube so the bare tube can be replaced while the energy compensation is kept.
 3. Good linearity even with counting tubes of different manufacturers (has already been successfully tested with LND and Centronic tubes).

