

# **KYUNG DO ENTERPRISE LTD.**

683-31, YOKSAM-DONG, KANGNAM-KU (C.P.O BOX 9180) SEOUL KOREA

TEL : 82-2-555-8181, FAX : 82-2-555-3171/538-8171, E-Mail : kyungdo@kyungdo/co.kr

## **CATCH-1 (Personal Alarm Monitor)**



Catch-1 is a warning device for personal, working in areas where radiation hazards may be in existence. When exposed to radiation from gamma and hard beta sources, such as X-ray units and isotope Equipment.

Instant warning is given by an audible alarm and led signal its small dimention, 49x72, 5x16, and its extremely low weight, 55g including battery, make the unit fit easily into pocket or on a shirt, Lab coat, belt or lead apron. A specially designed clip system keep it firmly in position. Powered by any commrcial available 1.5V battery and this unit has no on/off switch, it will stay "ON" until the battery is exhausted.

It provides both loud bleeps and visual indication of the presence of radiation.

The Catch-1, pocket radiation monitor provides a simple and effective way of warning operators of X-ray and isotope equipment, industrial and medical, if excessive radiation companies, workshops and laboratories using X-ray or Radioisotope techniques.

**NDT EQUIPMENT AND SUPPLIES**

**UT. RT. MT. PT. ECT.**

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## Features

- Convenience : It is small size and extremely light
- Signal : It gives the audible bleep more than 80dB and a red led signal at the same time.
- Reliance : This is the most advanced type, and the firm case is impact resistant. The hold clip may be fastened well.
- Battery : With normal use approx 5,000/hrs time with AAA type 1.5V (Alkali Battery)

## 사양 / SPECIFICATION

Radiation Detected	X-ray and Gamma, Hard Beta
Energy Range	30KEV to 1.25MEV
Detector	G.M Tube
Signal	Audible and LED : Indicator Light
Sound Level	75dB
Pulse Duration	100ms
Pulse Frequency	2,500~2,600Hz
On-Off Switch	NONE : In constant stand-by operation mode
Sensitivity (Typical for Cesium-137)	Background : 1 Bleep per 10~20min 1mR/h : 3Bleep/min 10mR/h : 30 Bleep/min 1R/h and UP : Continuous tone
Operating Temp Range	-15 ~ 50°C
Relative Humidity	10 ~ 80%
Water	Resistant
Battery type	One AAA Type 1.5V
Typical Battery Life	Minimum 6months with continuous background radiation Field Easily replaced
Size	72.5 X 16 X 49mm
Weight	Approx. 55g
Case Material	ABS

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