



## Features:

- \* Double Internal GM Detector:  
GM- LND72327 & LND714
- \* Fast Response
- \* Detection type of radiation :  
**Alpha**, Gamma, X- ray and Beta
- \* Communication (GSM via SMS):  
Equipped with 1 Sim card to get real time report and sending SMS to 3 defined cell phone numbers in alarm cases
- \* Remote control:A 6 Channel remote control
- \* Menu Functions (Display mode):  
Dose Rate, Dose, CPS

**Energy Response:**Alpha:  
Down to 2.5 MeV , Beta: Down to 50 keV,  
**Gamma and X-ray:** Down to 10 keV typical through the end window, 40 keV through the case  
**Gamma Sensitivity (Approx. ):**3000 CPM @10µSv/h  
**Dose Rate Range:**0 - 500 mSv/h  
**Dose Range:**0-10 Sv  
**Linearity:**0 - 100 mSv/h - max. ±10%,  
**Response Time (Approx. ):**3sec (<5µSv/h) & 2sec (>20µSv/h)  
**Display :**4-digit LED 7-Segment Auto-Ranging display  
**Display Ranges:**  
Dose Rate:0.01 µSv/h to 999.9 mSv/h  
Dose:0 .01 µSv to 9999 mSv  
CPS :0 to Max Integer Value (corresponding to Max Dose Rate Range)

**Alarm Types:**Visual (LED) & Sonic(Beeper)

**Factory Alarm Settings(Preset on the Firmware) :**

Dose Alarm:1 Threshold level for incremental dose  
1 Threshold level for Full dose

1 Threshold level for acting a relay Dose

Rate Alarm:2 Threshold levels (Low &High)

1 Threshold level for acting a relay

**Preset alarm thresholds and parameters:**

Freely Programmable via setting menu

**Built In Memory:**Nonvolatile.(Retains data including accumulated dose, Alarm status, rest of the system parameters and phone setting even without the batteries.)

**Push Button Functions :**

MODE(OK):Change the display mode (Selecting a menu)

CHANGE NUM:Change a digit for setting a number by (UP) and (DOWN) buttons

UP :Change the menus or increasing number

DOWN:Change the menus or decreasing number

EXIT(BACK):Exit of a menu (back to previous menu)

SETTING:Setting of device (password protected)

SMS OFF:Set ON/OFF SMS system of device

**Low Battery Detection:**Indicator on Panel

**Power Supply:**Adapter to a 220VAC or a 12v lead-acid battery

**Battery Life (With 4.5Ah lead-acid Battery):**About 15 hours

**Humidity Resistance:**Yes

**RF Shield:**Optional

**Housing Dimensions:**L315 mm x W235 mm x Thick65 mm

**Weight (Approx.):**500 grams

**Accessories:**Adaptor 12V-3A

**Company Support:**1 Year Warranty-10 years After sales service



**NDTKALA®.CO**  
Non-Destructive Test (NDT) Equipment



تامین تجهیزات و مواد مصرفی تست های غیر مخرب ایران

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