



آقای بازرس

021-71053999 / 09108008456

Model RPN-1

Environmental Radiation
Monitoring Systems



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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