

# RAD 3D PLUS

## DIGITAL DOSE RATE METER RAD 3D PLUS

RPN PRODUCTS



### Features:

- \*Detector :GM- LND713
- \*Detection type of radiation:  
For X and Gamma (40 keV- 6 MeV) For Beta (>0.25 MeV)
- \*Energy Response X and Gamma: (40 keV- 1.5 MeV)
- \*Gamma Sensitivity (Approx. ): 450 CPM @10 $\mu$ Sv/h
- \*Dose Rate Range: 0.01  $\mu$ Sv/h to 99.9 mSv/h
- \*Functions Menu (Function modes):  
Dose Rate, Dose, Dose-Time, Reset, Alarm Mode  
Changing Alarm Status (+Single pulse)
- \*Linearity of Dose Rate:7 .0  $\mu$ Sv/h to 49.9 mSv/h - max.  $\pm$ 10%,
- \*Display Ranges:  
Dose 0 .01  $\mu$ Sv to 9999 mSv  
Dose Rate 0.01  $\mu$ Sv/h to 99.9 mSv/h  
Dose Time Span Up to 200 Hours (HH:MM)
- \*Display: 4-digit LCD auto-ranging display with mode indicators.
- \*LCD Backlight: Yes (Auto off)

\*Alarm Types: Visual (LED as well as Indicator on LCD) & Sonic(Beeper) separately

\*Factory Alarm Settings (Preset on Firmware) and adjustable by particular menu

Dose Alarm :  
One threshold level for incremental dose  
One threshold level for Full dose  
Dose Rate Alarm : Four threshold levels

\*Switchable Acoustic Alarm:  
By Dedicated Push Button on Panel

\*Reset Function:By Software(Via system Menu)

\*Built In Memory:  
Nonvolatile. (Retains data including accumulated dose and dose time even without the batteries.)

\*Adjustable Calibration Factor Range:  
Fully adjustable calibration factors via hidden menu (Password protected)

\*Push Button Functions:

Power ON/OFF:Turn the instrument ON/OFF (Front Panel)

Menu: Change the operation mode (Front Panel)

Alarm: Turn the Sonic alarm on/off , Changing Alarm Status(+Single pulse)

LCD Backlight:Turn the backlight on (Front Panel)

\*Upgradable Firmware:Yes (Version 1.00)

\*Humidity Resistance: Yes

\*RF Shield :Optional

\*Power Supply:2 X 1.5 Volts AA size (Alkaline battery)

\*Low Battery Detection:Indicator on LCD Panel

\*Battery Life (With Alkaline Battery.) :  
More than 800 hours operation with Buzzer off condition @ 10 $\mu$ Sv/h field

\*Housing Dimensions (mm): L150 x W70 xH 30

\*Weight Including Batteries (Approx.):  
190 grams (Including batteries)

\*Accessories: Leather Bag

\*Company Support:  
1 Year Warranty- 5 years After sales service

