

SALIENT FEATURES

- MICROCONTROLLER BASED • 0.01 mR/hr to 99.99 mR/hr • DIGITAL DISPLAY • QUICK RESPONSE • STABLE READING • DIGITAL ALARM SETTING • BATTERY BACKUP • RELAY CONTACT OUTPUT



TECHNICAL SPECIFICATIONS

- Radiation Detected Suitable Detector** : γ (gamma)
: Internal GM tube with energy compensation (Effective length – 1.5” approx., effective dia.-0.56” approx.)
Option: GM probe with upto 10m cable, 1m cable length standard
- Energy Response EHT (adjustable)** : 60KeV - 1.5MeV
: 400V to 700V DC typical 500V
(Located inside the electronic instrument for easy maintenance)
- Measurement Ranges Accuracy Calibration Response Time Display Alarm trip point Alarm indication** : 0.01 to 99.99 mR/hr.
: $\pm 15\%$
: AERB recognized Certificate
: 2 sec. above 1mR/h
: 4 digit, 0.5” LED, seven segments
: Settable
: 1) Normal condition indicated by Green LED (below set level).
2) Active condition indicated by Flashing Red LED cluster & loud audible sound (above set level) by loudspeaker.
3) Detector faulty operation initiates alarm with flashing red LED & ‘FLt’ message on display.
- Alarm output** : One set of potential free relay contacts normally remains energised & get de-energised in case of alarm.
- Controls** : **Acknowledge** : To mute the Audio alarm
Reset : To reset the ‘active’ indication
- Power** : 230V AC $\pm 10\%$ 50Hz, with battery backup
- Construction** : 230mm(w) x 155mm(h) x 65mm(d) approx. (Wall Mounting)
- Computer interface (optional)** : Ethernet 10/100 Mbps.

Note : All optional items are at an extra cost.

CAT.NO. PAM452 / 1117

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