

AREA GAMMA MONITOR

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 (OPTIONAL)



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 10m cable |
| 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 | : 0.01 to 99.99 mR/hr.
: $\pm 15\%$
: AERB recognized Certificate |
| Response Time Display | : 2 sec. above 1mR/h
: 4 digit, 0.5” LED, seven segments |
| Alarm trip point | : Settable |
| Alarm indication | : 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(optional) | : One set of potential free relay contacts normally remains energised & get de-energised in case of alarm. |
| Controls | : <u>Acknowledge</u> : To mute the Audio alarm
<u>Reset</u> : To reset the ‘active’ indication |
| Power | : 230V AC $\pm 10\%$ 50Hz, with battery backup |
| Construction | : 230mm(w) x 270mm(h) x 140mm(d) approx. (Wall Mounting) |

Note: All optional items are at an extra cost.

CAT.NO. PAM452 / 0217

PLA ELECTRO APPLIANCES PVT. LTD.

THAKOR INDUSTRIAL ESTATE, KURLA - KIROL ROAD, VIDYAVIHAR (WEST), MUMBAI - 400 086
TEL : 2511 6864 / 6865 FAX : 91-22 - 2516 8948 WEB : www.plaelectro.com E-Mail : pla@plaelectro.com