

NAL2

This monitor is used for measuring radioactive iodine in the air in facilities. A pump, filter, detector, rate-meter, etc. are encased in one unit.

FEATURES

- Easy operation on LED color touch screen
- Real time display of calculated activity
- Automatic Calculation/Subtraction of BG data
- Real time correction of flow-rate
- Display of trend data chart on the screen
(The chart is 4 hours of trend data, up to 6 days of data charts are displayed by scroll)
- Up to 1,000 data storage of each measurement data and detail error item

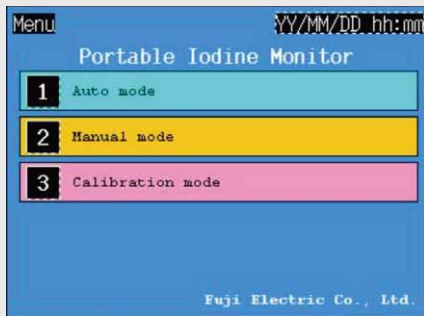
Portable Iodine Monitor



SPECIFICATIONS

Radiation detected	: Radioactive iodine contained in air
Detector	: 2"Φ×2" NaI(Tl) scintillator
Display range	: 3.7 to 3.7 × 10 ⁶ Bq/m ³ , 0.1 to 10 ⁵ s ⁻¹
Detection limit	: ¹³¹ I: 3.7 Bq/m ³
Measurement energy	: 360 keV ±10%
Collecting time	: 60 min
Object nuclide	: ¹³¹ I
Air-suction flow rate	: 100 L/min minimum
Power supply	: 220V AC, 50/60Hz, 10 A or less
Operating temperature	: 0 to +40°C / 23 to 113°F
Operating humidity	: ≤ 90 %RH (non-condensing)
Size	: 525(W) × 795(D) × 1310(H) mm approx. 20.7(W) × 31.3(D) × 51.6(H) in.
Mass	: 110 kg / 242 lb. approx.
Compliance code	: IEC 60761-1(2002), IEC60761-4(2002) JIS Z 4336(1995)

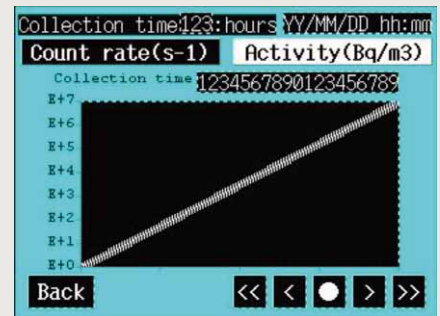
Examples of LCD screen



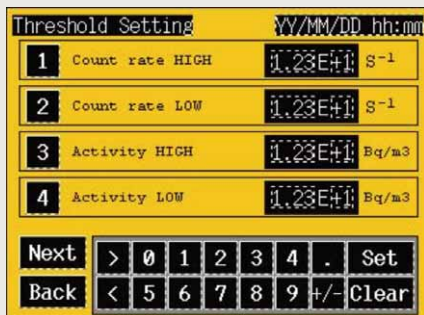
Menu



Measurement



Trend graph



Setting

Time	Item
ON 06-21 07:35:00	Count rate HIGH
OFF 06-21 07:35:01	Count rate HIGH
ON 06-21 07:35:02	Count rate LOW
OFF 06-21 07:35:03	Count rate LOW
ON 06-21 07:35:04	Activity HIGH
OFF 06-21 07:35:05	Activity HIGH
ON 06-21 07:35:06	Activity LOW

Logging data



Calibration

⚠ CAUTION

*Read the instruction manual provided before using this product, to make sure you operate it safely.

Fuji Electric Co., Ltd.

Headquarters

Sales Dept. III

Power and Social Infrastructure Sales Div. Global Business Group

Gate City Ohsaki, East Tower, 11-2, Osaki 1-chome, Shinagawa-ku, Tokyo 141-0032, Japan

Phone: +81-3-5435-7276, FAX: +81-3-5435-7436

<http://www.fujielectric.com/products/radiation/>