

Multipurpose Digital Monitor

Model 3276

Features:

- Simple Setup and Use
- Versatile Instrument: Can Be Combined with Various Detectors as an Area Monitor or Frisker
- User-Adjustable Alarms
- User-Programmable Units of Measurement, Either English or SI Units
- Uses Either Internal or External Detector for Alpha, Beta, or Gamma Radiation
- Standard Alkaline (4) "AA" Battery Power or 9 VDC Wall Mount Transformer

The Model 3276 is a versatile instrument that can be used for multiple radiation detection or measurement purposes. It can be combined with either internal or external radiation detectors to detect alpha, beta, or gamma radiation in applications such as frisking or area monitoring. Radiation can be measured in several units and modes, including: count rate, exposure rate/dose, activity rate, integrated exposure/dose, time-averaged rates, and scaler counts.

Specifications:

Indicated Use:	Designed for multiple radiation detection or measurement purposes
Compatible Detectors:	GM, Scintillation, Proportional
LCD Display:	3-digit LCD with large 20 mm (0.8 in.) digits, low-battery indicator, MAX, ALARM, AUDIO, USB Units: (k)cps, (k)cpm, (k)Bq, (k)dpm, (μ)(m)R/(h), (μ)(m)Sv/(h)
Display Range:	0.00 cps to 999 kcps, 0.00 cpm to 999 kcpm, 0.00 Bq to 999 kBq, 0.00 dpm to 999 kdpm, 0.00 μ R/h to 999 R/h, 0.00 μ Sv/h to 999 Sv/h
Backlight:	Continuously on to provide better visibility
Controls:	ON/OFF/ACK
Mode:	NORMAL (count rate), MAX (capture peak rate), COUNT (user-selectable preset count time from 0 to 10 min)
Audio:	"Click" audio On/Off, Sigma Audio beep On/Off
Units:	Changes the units between: Count rate (cpm, cps), Dose/exposure (μ Sv/h, mR/h) Disintegration (dpm, Bq)
Response Time:	User-selectable from 1 to 60 s, or Auto-Response Rate FAST or SLOW
Alarms:	Count rate, exposure/dose, and scaler alarm setpoints adjustable over the display range
Zero Protection:	After a user-settable number of seconds of no pulses from detector the unit will flash a zero reading and the alarm audio will be triggered
High Voltage:	400 to 1500 Vdc
Overload:	High count rate saturation protection prevents false display of lower count rates
Audio:	Greater than 75 dB at 0.6 m (2 ft), approximately 4.5 kHz
Temperature Range:	-20 to 50 °C (-5 to 122 °F) May be certified for operation from -40 to 65 °C (-40 to 150 °F)
Environmental Rating:	NEMA rating of 2 or IP rating of 51
Power:	Four alkaline "AA" batteries for portable use, or 9 Vdc input via wall mount transformer
Battery Life:	Approximately 50 hours, 16-hour low-battery warning
Construction:	Aluminum housing with powder coat finish and subsurface printed front panel
Size (H x W x L):	6.5"H x 4.5" W x 8.5" L
Weight:	1.6 lb



Hand and Foot Monitor

Model 3276HF

Features:

- Simple Setup and Use
- User-Adjustable Alarms
- User-Programmable Units of Measurement, Either English or SI Units
- Standard Alkaline (4) "AA" Battery Power
- Measure Alpha, Beta, and Gamma Contamination

The Model 3276 is a versatile instrument that can be used for multiple radiation detection purposes. In this configuration the **Model 3276 is connected to both a Model 44-25 Hand Monitor Detector and a Model 44-26 Foot Monitor Detector** to monitor personnel for alpha, beta, and gamma contamination. An optional Model 44-9 Detector can also be included for frisking.

The instrument features a large backlit LCD (liquid crystal display), an audio warning, and intuitive design. Radiation can be measured in several units and modes, including: count rate, exposure rate/dose, activity rate, integrated exposure/dose, time-averaged rates, and scaler counts. The unit body is made of lightweight, rugged aluminum. It is not intended for outdoor use and should be protected from splashing water.



Model 3276 Multipurpose Digital Meter

Model 3276HF Multipurpose Digital Meter with Hand and Foot Monitor