FAMCO
هایپـرصنعت

CEM

This product is designed with completely new standard, which uses high precision Geigar counter sensor and the latest CMOS integrated circuit technology. The meter has function of data logger and Bluetooth communication data transmission as well as rich software for Data Analysis on computer. It can test α ray, ß ray, γ and X rays it can also test radiation pulse number. This meter can be widely used in field of Pharmaceutical Factory, Laboratory, Power Station, Stone Pit, Emergency rescue station, Metal plant, and Oil field and the oil pipeline equipment, environmental protection and police departments can use it for test.

l Groundwater, radium pollution
l Radioactivity of underground drill pipe and equipment
l Radon radiation cesium pollution of the surround environment
l Radioactivity of stone and building materials.
l Radioactivity of porcelain, tableware and glass.
l Local radiation leak and nuclear radiation pollution
l The landfill and dumpyard where high risk of nuclear radioactivity is possible
l Harmful radiation of personal valuable property and jewelry
l Medical usage in industrial X-ray apparatus, X-ray intensity

DT-9501

MULTI-FUNTION DIGITAL RADIATION DETECTOR with Bluetooth transmission

l Uses of imported Geiger counter sensor

l Have ray measurement function selector switch

l High-definition LCD liquid crystal display has the functions of backlight, measuring dynamic, ray category, reading, real-time, battery, measurement units symbols and simulation diagram instructions.

l Show the average time adjustable

l Can be used for radiometer value accumulated and measuring unit conversion

l Has alarm, real-time stamp readings and Bluetooth data transmission functions

l Have pulse counting function

l Automatic selection of measurement range

l Miniaturization impact resistant design, easy to carry

l Meets ergonomic principle, comfortable hand feel

l With Bluetooth communication data transmission function and powerful computer data analysis software

l Large capacity memory, can put 4000 set of data storage directly inside the instrument, then transfer it to the computer. No need to manually record and support power down to keep stored data after 1 minute function, users don't have to worry about losing data while replacing new batteries.

DT-9501 | Multi-Funtion Digital Radiation Detector With Bluetooth Transmission

General Specifications

Ray types	α, ß, γ and X ray
Range (automatic selection range)	Radiation dose rate : 0.01μSv/h - 1000μSv/h Pulse dose rate : 0-4000cpm, 0-4000cps Radiation dose accumulation total value : 0.001μSv – 9999Sv Pulse dose accumulation total value : 0-9999
sensibility	When in environment background of energy is 1 Sv/h Cobalt - 60 ray, it is 108 pulse or 1000 CPM/mR/hr α- from 4.0 million volt MV ß- from 0.2 million volt MV γ- from 0.02 million volt MV X – from 0.02 million volt MV
Basic accuracy	<10%(less than 500μSv/h), <20%(less than 600μSv/h)
Ray selection switch	combination selection to α, ß, γ, X
Sensor	Halogen fill detector (G.M Geiger counter tube)
Output port	Bluetooth wireless data transmission (Space transmission distance 10m)
Mean time	Manual or automatic adjustable between 2 to 12 seconds
Show	Big screen with 4 digit LCD, with bar graph display, following data can be shown: Radiation dose rate, pulse dose rate, radiation dose accumulative value, pulse dose accumulative value, time, date, alarm value, max radiation dose rate, radiation type, measuring dynamic icon, battery power indicator, etc..
Warming function	Alarm value can be set freely, the default Settings is 5 μ Sv/hr
Normal natural environment radiation value	Less than 0 - 0.2 uSv / h
Memory function	Automatic storage 4000 set of data, and record a set of data per minute(including real-time date, time, measuring value and measurement unit)
Bluetooth transmission data	Every second transmission 1 set of data (including real-time date, time, measuring value and measurement unit)
Software	Data real-time far transfer display, analysis and record
Detector working temperature	0° to 50°C
Weight	206g
Dimension	Length 200cm, width 70mm, high 45mm
Power source	3.6V High-energy lithium-ion batteries
Quality certificate	European CE, US FCC-15
Warranty	Main engine 12 months
Note: Sievert (mark is Sv, unit, 1Sv=100 rem)	rem (roentgen equivalent man) μSv/h (unit of ray radiation dose rate) 1SV=100Rem 1 rem=1cSv=10mSv 1uR/h=10uSv/h 1mR/h =10mSv/h

CPS : pulse counts per second (In the pulse rate model, pulse has constantly been measured by counter tube and translated into pulse rate)

CPM : pulse counts per minute(In the pulse rate model, pulse has constantly been measured by counter tube and translated into pulse rate)

www.famcocorp.com
E-mail: info@famcocorp.com
@famco_group

Tel:021- ۴ ۸ ۰ ۰ ۰ ۰ ۴ ۹
Fax:۰۲۱ - ۴۴۹۹۴۶۴۲

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبروی پالایشگاه نفت پارس، پلاک ۱۲