Ionization Chamber Survey Meter



Features of +(plus) model

• Range positional signal output is added.

 The convenience as an area monitor improves by combining with wireless date collecting device, DAQ-13301.

It is possible to record date any time, any where.

 The measurement performance follows the current model.



*Connector for AC adapter(EXT POWER) is an option.

Features

- 1. H*(10) is read directly.
- 2. Excellent energy characteristics.

wide energy range of 30keV to 2MeV

3. Light and compact

It is handy because this instrument weighs 1kg.

4. Single-point calibration

It is possible to calibrate at single –point because linearity between range positions is \pm 1.0%.

5. High sensitivity and wide measuring range

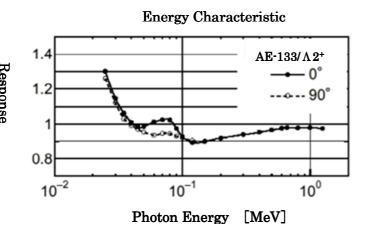
Table 1. Measuring range of plus model of AE-133 series

	Measuring Range									
Туре	μSv/h					mSv/h				
	0	0.1	1	10	100	1	10	100	1000	10000
AE-133LW/Λ2 ⁺										
AE-133L/Λ2+										
AE-133/Λ2+										
AE-133V/Λ2+										
AE-133B/Λ2+										
AE-133H/Λ2 ⁺										
AE-133BH/Λ2 ⁺										

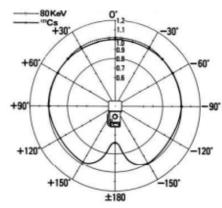
Specifications

Radiation Detected	X and gamma ray at 30keV to 2MeV	Power Supply	Buttery: four 6F22(9V) and one NC706(24V) It is possible to use AC adapter (option).			
Range	3, 10, 30, 100, 300, 1000µSv/h and RESET (The indication in mSv/h is option.)	Battery Life	6F22:approximately 170hours(continuous use) NC706: approximately 5 years. See the expiration date written on NC706.			
Measuring Range	Minimum scale : 0.1μSv/h to 1000μSv/h ※It is possible to read at 0.05 μSv/h.	Battery Check	Push the button and power supply can be checked except for applied voltage (NC706).			
Response Time	within 10 seconds exclude 3 μSv/h range.	Environmental Condition	-5°C to $+45$ °C Relative humidity is less than 90%.			
Detector	Cylindrical ionization chamber(sealed type) Volume: approximately 300ml	Dimension	170mm(D) × 90mm(W) × 110mm(H)			
Linearity	0.9 to 1.1	Weight	Body: approximately 770g Batteries (6F22 and NC706): 200g			
Output	Output I (dose rates): +10mV full scale Output impedance: 100 Ω Output II (range position): Approx. 300mV to 800mV					

Energy and direction characteristics

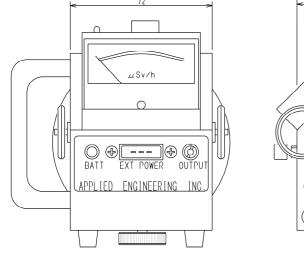


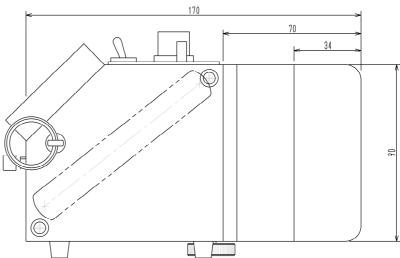
Direction Characteristic



The exposure directions from gamma rays(137 Cs) is set to 1.

Outside drawing of 133 / $\Lambda 2^+$





^{*}Connector for AC adapter (EXT POWER) is an option.

Due to our policy of continued development, specifications are subject to change without notice.

