AD Range





Multi-probe portable survey meter

- Measurement of average & maximum dose rate, cumulative dose
- Integrated dose and maximum dose rate memory
- External alpha, beta, gamma probes





6150 AD

RADIATION METER FOR GAMMA AND X-RAY RADIOACTIVITY

The 6150 AD survey meter has been designed to meet the need to measure Gamma and X

radiations in nuclear and industrial environments. It offers a reliable and accurate solution for detecting radioactive sources and products.

Easy to use, it enables users to take fast, accurate measurements. It features a simultaneous digital and analog display of the dose rate, providing a clear reading. It also continuously measures and updates cumulative dose, average dose rate and maximum dose rate.

Rugged and waterproof, the 6150 AD is designed to withstand the harsh environmental conditions encountered in nuclear and industrial facilities.

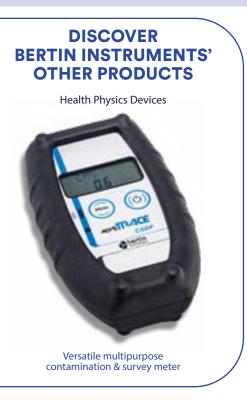
By combining the 6150 AD radiation meter with probes from the corresponding range, it offers the possibility of measuring Alpha, Beta and Gamma ionizing radiation.

The 6150 AD is available in two versions:

- 6150 AD 5 (high dose rate)
- 6150 AD 6 (low dose rate)

EXTERNAL SMART PROBES FOR CONTAMINATION MEASUREMENT

	AD B	ADT	AD 18	AD 15	AD 17/AD 17 SCINT	AD P
Probes	-	1	79	1		-
Detector Type	3"x3" ZnS-treated plastic scintillator	2 Energy- compensated Geiger- Müller counter	3, .	ated Geiger-Müller unter	GM «pancake» / Plastic scintillator	GM «pancake»
Detection type	γ&Χ			α, β, γ & Χ		
Measurement range	from 10nSv/h to 100μSv/h	from 0.01µSv/h to 10Sv/h	from 0.01µSv/h to 10mSv/h	from 0.01mSv/h to 10Sv/h	0.01cps to 10kcps/ 0.01cps to approx. 20kcps	0.01cps to 20kcps
Utilization	Very low dose rate measurement	Telescopic pole: Remote dose rate measurement and contamination detection (up to 4m)	Low dose rate measurement	High dose rate measurement	Contamination measurement	Contamination measurement with a flexible probe for hard to reach place



Detector	Energy compensated Geiger Müller counter (H*(10))			
Radiation type	γ&Χ			
Dose rate display ranges	AD5: from 0.1µ Sv/h to 1Sv/h AD6: from 0.01µ Sv/h to 10mSv/h			
Dose display ranges	AD5: from 1µ Sv to 10Sv AD6: from 1µ Sv to 100mSv			
Energy ranges	AD5: from 45keV to 3MeV AD6: from 60keV to 1,3MeV			
Unit of measurement	μSv, μSv/h			
Operating temperature	-30°C to 50°C			
Display	Digital and trend bar graph on LCD screen			
Battery	Standard 9V			
Autonomy	Up to 1,000 hours			
Dimensions/weight	130 x 80 x 29mm³ / 400g			