ROTEM

EnviSmarts

Indoor and outdoor environmental monitoring with stand-alone monitors and online software

Rotem's environmental monitoring system for nuclear power plants and other sensitive facilities, based on MediSmarts. Stand-alone environmental monitors for indoor and outdoor use connect via LAN, WLAN, 4G or radio, among others, to software that shows live readings as colour-coded points with history. The PM-33 and RP-33 monitors combine a sensitive NaI detector with the GM tubes of the TeleMeter and the RAM R-200 respectively.



Measurement range

PM-33 monitor: background to 15 mSv/h (1.5 R/h), the detector up to 10 µSv/h and then the TeleMeter's GM tube; RP-33 monitor: background to 1 Sv/h (100 R/h) with the RAM R-200's GM tubes from 10 µSv/h [1]

Specifications

Communication	LAN, WLAN, Wi-Fi, Zigbee, 4G and radio	[1]
Measurement range	PM-33 monitor: background to 15 mSv/h (1.5 R/h), the detector up to 10 µSv/h and then the TeleMeter's GM tube; RP-33 monitor: background to 1 Sv/h (100 R/h) with the RAM R-200's GM tubes from 10 µSv/h	[1]
Primary function	Software with online live readings, colour-coded points by current dose rate and history	[1]

Sources

[1] **EnviSmarts**
Rotem Industries · product-page · Product page · checked 2026-10-16
https://rotem-radiation.co.il/solution/envismarts/

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.