



RD1-XX

Gamma Radiation Detectors

The RD1-XX is a family of Radiation Detectors that connect to the Charthouse ARM-1000 Area Monitor Display Unit to provide remote gamma dose rate readings. The RD1-6 is a Geiger Mueller detector; the RD 1-8 is a Pressurized Ion Chamber detector.

VALUE PROPOSITION

✔ CORE CAPABILITIES

- Serves as a direct 'tech refresh' of the obsoleted Thermo Scientific DA 1-6 Gieger Mueller detector and the DA 1-8 Ion Chamber detector; when combined with the ARM-1000 Area Monitor Display, the RD-XX detectors replicate legacy form and functional performance, resulting in minimal change costs
- Automated and streamlined calibration and maintenance steps results in time savings for instrumentation staff personnel.

★ KEY BENEFITS

- Similar physical characteristics and mounting requirements as compared to legacy DA
- 1-XX models, allowing for easy field replacements
- Option for integrated, remotely activated, analog check source
- Wide range of gamma energy detection capability; multiple detector connectors options available
- Easy 'Plug In' Connectors to ARM-1000; Quick Connect/ Disconnect engineered design
- Modern Engineered Design results in common system components for entire detector series; minimizes spare part requirements

PRODUCT INFORMATION

RD1-6 GAMMA RADIATION DETECTION; GEIGER MUELLER (GM) DETECTOR MODELS

CDM91020	RD1-6 - GM Detector (energy compensated), 0.1 to 10,000 mR/h
CDM91021	RD1-6CC - GM Detector (energy compensated). Provided with an integrated check source.
CDM91062	RD1-6CCNS - GM Detector; RD1-6 GM Detector (energy compensated); Provided with Check Source Drive Mechanism, but NO integrated check source

RD1-8 GAMMA RADIATION DETECTOR; ION CHAMBER MODELS

CDM91022	RD1-81R - Ion Chamber - 1 to 10,000 mR/h
CDM91023	RD1-82R - Ion Chamber - 0.01 to 100 R/h
CDM91024	RD1-8R3 - Ion Chamber - 0.1 to 1,000 R/h
CDM91025	RD1-8CCR1 - Ion Chamber - 1 to 10,000 mR/h. Provided with an integrated check source.
CDM91026	RD1-8CCR2 - Ion Chamber - 0.01 to 100 R/h. Provided with an integrated check source.
CDM91027	RD1-8CCR3 - Ion Chamber - 0.1 to 1,000 R/h. Provided with an integrated check source.
CDM91028	RD1-8CSR1 - Ion Chamber with Analog Check Source for EC1-3
CDM91029	RD1-8CSR2 - Ion Chamber with Analog Check Source for EC1-4

CONTACT

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