

## Argus DR Spectroscopic dosimeter probe

### PROPERTIES

Argus-DR devices are multi-purpose gamma ray spectrometer and dosimeters for detecting natural and man made radiation, measuring energy histograms and dose rate.

### USE

Equivalent dose detector.

Ideal for monitoring environmental radiation.

From ring/area monitoring to nationwide monitoring

### APPLICATIONS

Security and surveillance operations

Customs and Border protection

Nuclear facilities

Waste Recycling and Incineration plants

Scrap metal recycling

Research laboratories

Production facilities

### OPEN DESIGN

Argus devices can be customized to customer requirements



### Technical data

#### Detectors

Nal(Tl) Ø38.1×38.1 mm  
Plastic scintillator 3 mm cube

#### Spectrometer

2048 channel spectrometer from Bridgeport Instruments  
Energy Range 20 keV – 3,0 MeV

#### Dose rate meter

Energy corrected dose rate for Nal det. (0.01-50 µSv/h)  
Extended range plastic (10 µSv/h - 100 mSv/h)  
Current mode extends to 10Sv/h

#### Environmental

IP65 Dust and Water resistant  
Operating temperature range -20°C +50°C

#### Data Storage and Transfer

16GB memory for spectra, search profiles and dose  
RS485  
Ethernet  
4G  
Data output XML/ANSI 42.42 format

Argus DR is a complete system for continuous monitoring of gamma radiation. It can quickly detect and identify events involving even trace amounts of artificial radiation in the environment. It is the best solution for environmental gamma radiation monitoring applications.

Argus DR is the modern replacement for Geiger-Müller detector-based probes.

Easy installation and very low maintenance. Designed for operation in any type of environment, including adverse climatic conditions. Manufactured with hermetically sealed housing (IP65).

Low power consumption allows off-the-grid operation when combined with solar panel and a battery.

### SERVICES AVAILABLE

Technical Support

Installation and Setup

Maintenance

Application Support

Hardware Support



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