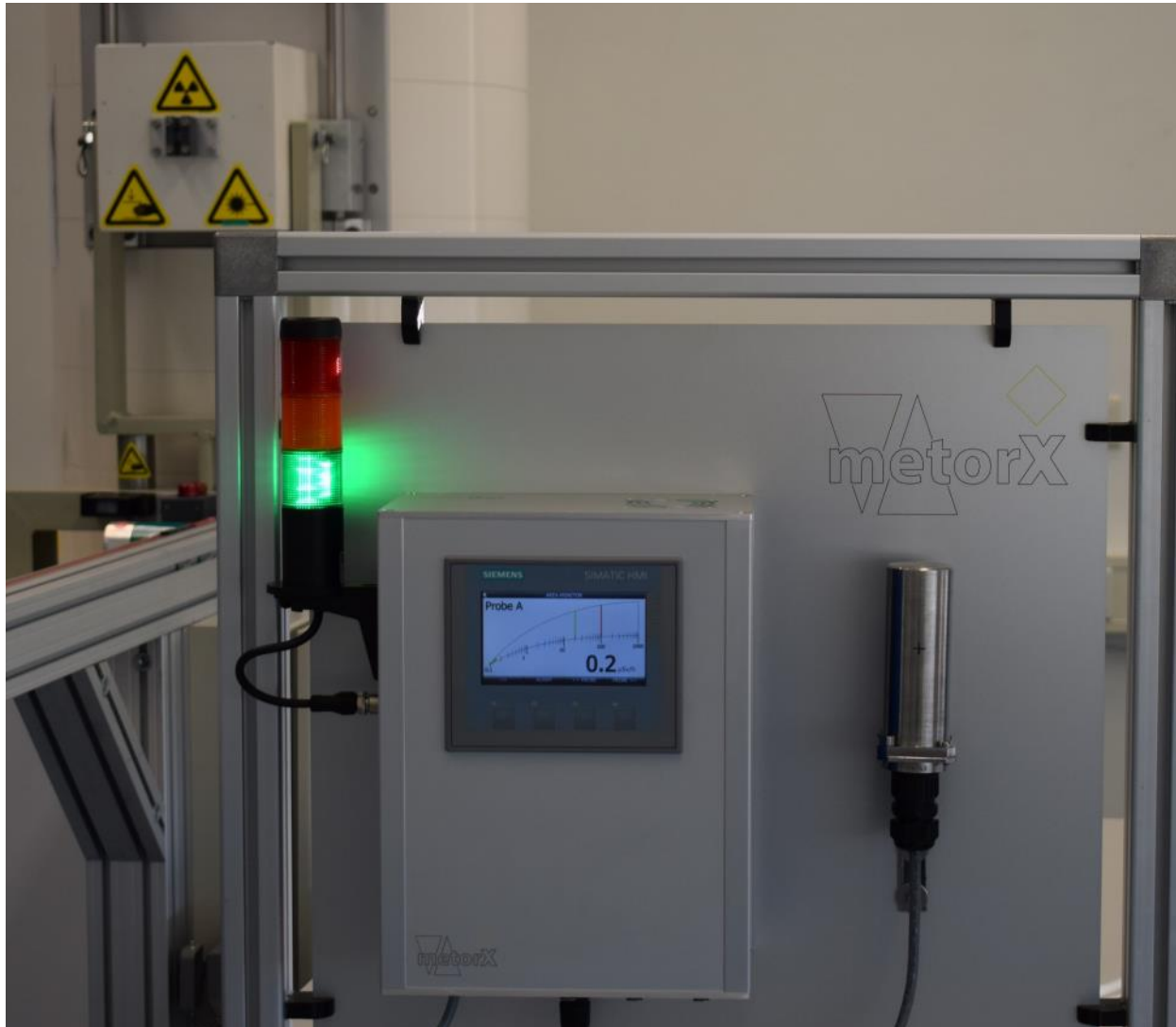
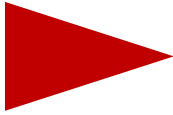


metorX Area Monitor ARM-X



Measuring tools for Radiation



ARM-X

ARM-X the flexible powerful solution for Area Monitoring

ARM-X is an application driven flexible Area Monitoring system for gamma and neutron measurements. A total of 6 communication ports can be shared between detectors, ethernet, USB and external devices.

The distance between ARM-X and detector has maximum of 1.000 meters. There is a wide choice of detectors available measuring from background level up to 100 Sv/hour.

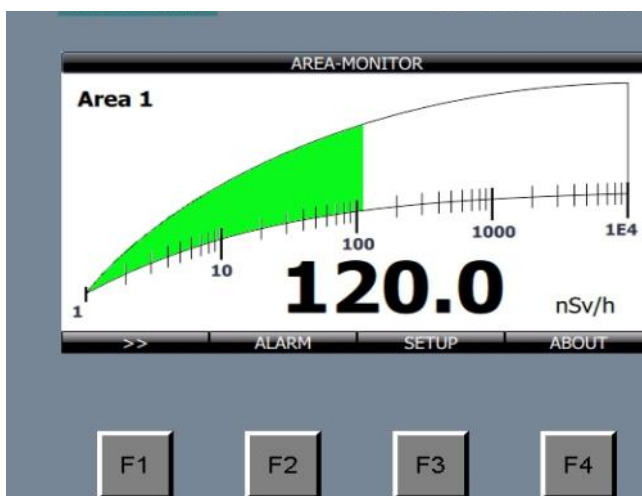
An energy spectrum can be displayed as well using a scintillator crystal with internal multichannel analyzer.

Setting up the system is done with a touch screen interface and takes only minutes.

Two alarm levels can be programmed. MetorX is offering a yearly calibration check where only the detector has to be returned to the factory.

Features

- ♦ Maximum reliability using industrial standard components
- ♦ Desktop and wall mount configurations
- ♦ Up to 6 measurement channels are shared between detector and communication ports.
- ♦ Detectors can be connected through RS-485, maximum 1.000 meters, no power or adaptor required
- ♦ Wide range of smart detectors with all parameters stored in detector for easy replacement
- ♦ Audible and visible alarms
- ♦ Internal datastorage for 30GB of data
Access of data from ARM-X through ethernet
- ♦ User friendly and easily to configure by touchscreen interface
- ♦ 0/4- 20 mA output option
- ♦ Automatic Powerfail recovery



Clearly visible color display in logarithmic scale



Free to choose communication ports; Ethernet & USB output for relais and detector ports

Area Monitoring System



Display with color indication of radiation level

SETUP (PROBES)					
Probe	Enabled?	Name	Address	H-limit (μSv/h)	HH-limit (μSv/h)
1	▼	Area 1	1	0.2	0.8
2	▼	Area 2	2	0.2	0.8
3	▼	Area 3	3	0.2	0.8
4	▼	Area 4	4	0.2	0.8
5	▼	Area 5	5	0.2	0.8
6	▼	Area 6	6	0.2	0.8
HOME GENERAL DIAG/TEST					

Easy set-up program with two alarm levels

Ordering information

ARM-X	Area Monitor Basic Unit
ARM-GM-DET-10Sv	Gamma monitor, GM detector 0,05 μSv/h - 10 Sv/h, energy range 0,05 - 3 MeV
ARM-GM-100Sv	Gamma monitor, GM detector 0,05 μSv/h - 100 Sv/h energy range 0,05 - 3 MeV
ARM-GMW-10SV	Gamma monitor GM detector waterproof 0,05 μSv/h - 10 Sv/h energy range 0,05 - 3 MeV
ARM-GMW-100SV	Gamma monitor GM detector waterproof 0,05 μSv/h - 100 Sv/h energy range 0,05 - 3 MeV
ARM-CSI	Gamma monitor CsI (TI) scintillator and GM detector Energy spectrum
ARM-CSI9	Medium sensitive Gamma monitor 9 cm ³ CsI Scintillator 0.01 μSv/h to 1.0 Sv/h
ARM-CSI-23	High sensitive Gamma monitor 23 cm ³ CsI Scintillator 0.01 μSv/h to 1.0 Sv/h
ARM-Neutron	Neutron Monitor moderated Helium-3 counter 0 - 1,5. 10 ³ mSv/h

Alarm beacon

Ethernet port

Internal datalogger

Signal out for external
alarm, interlocking



Related Products and Services



The **ARCHIMEDES II 9102 WiFi** is designed to perform fast measurements of the gamma activity of bags, containing waste materials coming from the Nuclear Power Plants Decommissioning or from plants where high neutron flows were used. It is a mobile system, mounted on wheels, hence it's easy to handle and versatile in all the different types of applications and of locations where its deployment is requested.



The **BOX COUNTER** system is designed to perform a fast gamma radiation monitoring of laundry, waste bags, tools and other small objects. The system measures the radioactive contamination of the items placed inside the measuring chamber, and compares the result with the release limits.



The hand-foot-clothes monitor **VITRUVIUS 8220** is an instrument specifically designed for checking gamma contamination on the body of workers operating in areas where it's possible to come into contact with radioactive material. In particular, **VITRUVIUS 8220** monitor performs the measurement of gamma contamination of hands, feet and clothes of the operator.



Measuring Tools for Radiation

MetorX B.V. a specialized science and technology partner in the field of nuclear instrumentation. We are strongly committed to R&D and focused to innovate and simplify "Measuring Tools for Radiation". In corporation with our customers and partners, we create and deliver user friendly, clever and dedicated tools.

MetorX facility in Goedereede

MetorX is based on the island of Goeree-Overflakkee, South west of The Netherlands. The town was of big importance during the Middle Ages. The name Goedereede also means "safe harbor / anchorage."



MetorX sponsors "Kunstwereld"

"Kunstwereld" is an unique project, made up of a group artist with a mental disability creating lively pieces of art. MetorX is sponsoring the activities . All of our corporate gifts are designed and created by " Kunstwereld".



MetorX B.V.
Oostdijkseweg 12
3252LN Goedereede
Phone: + 31(0) 187 630176
email: info@metorx.com