



PREMIUM ANALYSE

C ionix™ - GN

Installed Noble Gas Monitor

Installed noble gas activity monitor for workplace monitoring, decommissioning, stack release and other applications.



FEATURES

- **Performance**
 - Self-checking
 - Continuous measurement
 - Automatic γ compensation
 - Integrated light and sound alarms
 - Response time from 90 seconds
- **Simple**
 - Ready to install
 - User-friendly interface
 - Transmission and alarms possible by dry contacts, Modbus Ethernet...
- **Easy maintenance**
 - Minimal intervention
 - Quick change components
 - Simple γ source verification of system

DESCRIPTION

The monitor C ionix is used to measure continuous activity of tritium and other β emitters in a gas for all applications of workplace monitoring, decommissioning, stack release or other applications.

The GN version has been designed to measure continuously the noble gas β emitters activity in a mixed gas of noble gas + HTO.

Typically made for use in research facilities and PHWR, they provide a precise and reliable measurement.

Due to the SAM (Membrane Separator) no additional waste is created. Moreover, there is no need for periodical consumable replacement as the SAM is made to be durable.

The measurement performances are linked to the element chosen (^{85}Kr , ^{133}Xe , ^{222}Rn ...). For more information regarding the emasurement performances, please contact us.

UNIT CONFIGURATION AND PART NUMBERS

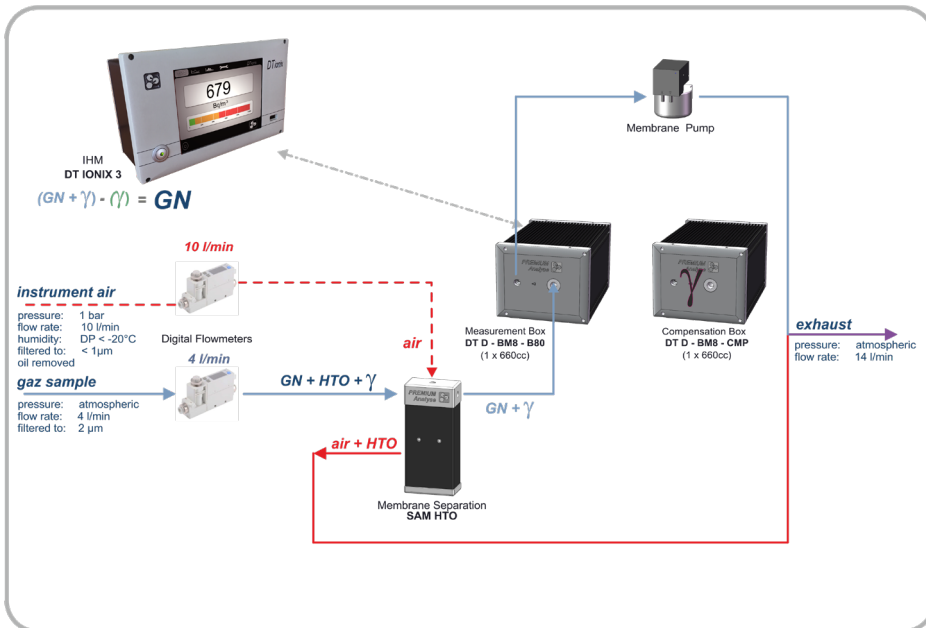
Monitor configuration & options		
Measurement monitor		C IONIX 3 - BLG - 0 - 00 - 00 - FA - F C IONIX 3 - BMG - 0 - 00 - 00 - FA - F
Power distribution	24V power supply AC power supply	C IONIX 3 - BXX - 2 - XX - XX - FA - F C IONIX 3 - BXX - V - XX - XX - FA - F
Alarms	Without light and sound Local alarms (G / R / O + sound) Remote beacon connector	C IONIX 3 - BXX - X - 0X - XX - FA - F C IONIX 3 - BXX - X - YX - XX - FA - F C IONIX 3 - BXX - X - XB - XX - FA - F
Connexions	Process outputs (dry-contacts, 4-20mA, flow input) Modbus TCP-IP	C IONIX 3 - BXX - X - XX - PX - FA - F C IONIX 3 - BXX - X - XX - XM - FA - F
Wall fixing	Installed system with STAUBLI connectors Installed system with SWAGELOK INCH connectors Mobile system without wall plate (with handles & clip fixing) Lock	C IONIX 3 - BXX - X - XX - XX - FA - F C IONIX 3 - BXX - X - XX - XX - IA - F C IONIX 3 - BXX - X - XX - XX - AA - F C IONIX 3 - BXX - X - XX - XX - FA - F
Version	English French	C IONIX 3 - BXX - X - XX - XX - FA - E C IONIX 3 - BXX - X - XX - XX - FA - F
Reference example	C ionix monitor full option with automatic gamma compensation	C IONIX 3 - BMG - V - YB - PM - FA - F

Accessories	
Wall plate	ACC PLM
Fixed alarm beacon	CX3 ACC BAL F
Gas exhaust with silencer	ACC ARG SIL
RAC SWA 1/4RT gas exhaust + filter	ACC ARG S4F
Gas exhaust for 8 mm hose	ACC ARG S08
Gas exhaust for 6 mm hose	ACC ARG S06
Mobile frame for 1 C ionix - BXX	CX3 ACC CHM 01
Mobile frame for 2 C ionix - BXX	CX3 ACC CHM 02
Table frame for 1 C ionix - BXX	CX3 ACC CHM TAB

Consumables	
24V pumps 5.5 Lpm (x1*)	CX3 SP PPE
IP 54 foam filter (x2*)	SP 60715 182
Cabinet fan (x1*)	SP 8414N
DT ionix axial fan (x1*)	SP 412F
DT ionix axial fan mounted on support (x1*)	SP 412F P
2µm PTFE filter (x1*)	CX3 SP FE 4

* quantity needed for annual maintenance of monitor

Spare parts	
High leak tightness pump assembly	CX3 SP BTR P6000



CONTACT US

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