

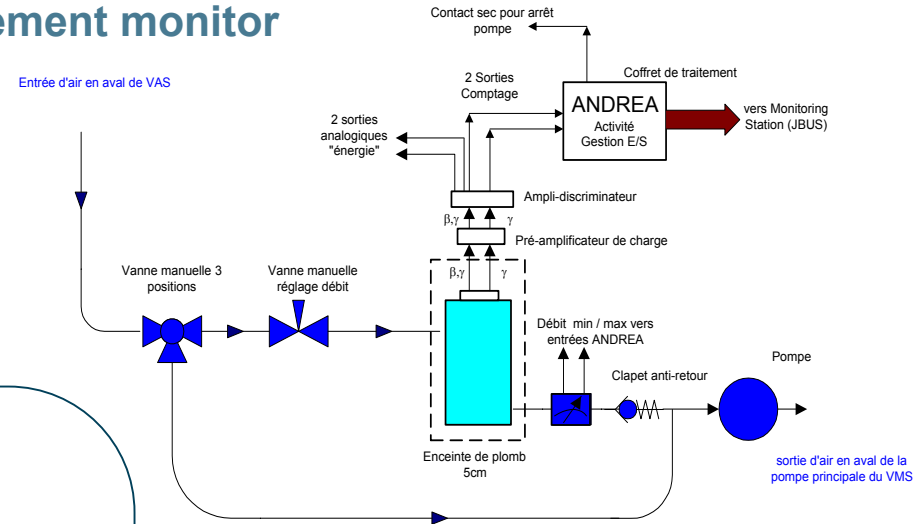
NEW

ASGA Gas measurement monitor

- ASGA gas monitor measures the gaseous effluents activity continuously. The samplers of effluents issued from work locations are directed to the monitor by a pumping system. Detection unit includes a double silicon diode for detection and the ANDREA display processing unit.

Technical characteristics

- | | |
|--|---|
| • Detector: | Double Silicon Diode |
| • Detected radiations: | β, γ |
| • Energy detection threshold: | 80 keV |
| • Measuring range: | from 5 kBq/m ³ to 1 GBq/m ³ |
| • Detection threshold in 10 min:
(Background noise: 200 nGyh) | ⁸⁵ Kr : 8 kBq/m ³
⁸⁵ N : 5 kBq/m ³ |
| • Sensitivity and gain verification with radioactive sources on site | |
| • Very low influence and sensitivity to radon and its daughter products | |
| • Temperature range : | 0 °C – 50 °C |
| • Fluid temperature : | 0 °C – 50 °C |
| • Optimal flow: | 5 m ³ /h with filter |
| • Optimal flow without filter pressure drop: | 7.8 m ³ /h |
| • Cylindrical Measuring chamber: | 10 cm x 10 cm (D x H)
Stainless steel |
| • Processing unit: | ANDREA (see documentation) |
| • Protection factor: | IP54 |
| • Measuring time: | adjustable from 10 to 60 min |
| • Air flow control | |
| • Monitoring of operations | |
| • Main supply: | 230 VAC, 50 Hz, <500VA
ou 110 V/60 Hz |



- Continuous measurement of gases activity concentration and uncertainty
- Double Silicon Diode for the gamma compensation
- Very low sensitivity to Radon and its daughter products