

# ENVIRONMENTAL MONITORING INSTRUMENTATION

For nuclear applications



**SDEC France**

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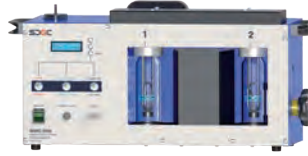


L'Europe c'est ici.  
L'Europe c'est maintenant.

## TRITIUM AND CARBON 14 COLLECTION

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SAMPLING ON AIRBORNE EMISSIONS



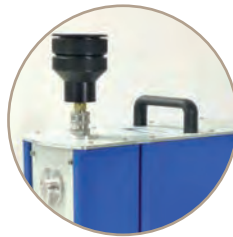
AREA AIR SAMPLING



## IODINE AND PARTICLE SAMPLING

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AREA AIR SAMPLING



SAMPLING ON AIRBORNE EMISSIONS



ISOKINETIC SAMPLING PROBES



FILTER HOLDERS



## HIGH-FLOW PARTICULATE SAMPLING

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### SINGLE-FILTER SAMPLING



### SEQUENTIAL SAMPLING



## ASBESTOS AND FINE PARTICULATE SAMPLING

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### SAMPLING IN NUCLEAR AREA



## ELECTRO-DEPOSITION IN LIQUID SAMPLES

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## LIQUID SCINTILLATION

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### PORTABLE SOLUTION FOR TRITIUM AND CARBONE 14 MEASUREMENTS



## RADIATION MONITORING

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### RADIATION MONITORING ALPHA / BETA / GAMMA



Since 1991, SDEC France designs, produces and sells a wide range of equipments for air, water and soil environmental monitoring and research.



## AIR

*Airborne radioactive emission monitoring (tritium and carbone 14)  
Particulate and aerosol sampling  
Climate parameters monitoring*

## WATER

*Sampling, measuring and monitoring  
Surface and ground-water  
quantity and quality*

## SOIL

*Sampling  
Soil Characterization  
Soil-water relations  
Pollutant transfer*

### OUR MAIN DOMAINS OF APPLICATION

- Airborne radioactive emission monitoring
- Environmental monitoring and research (soil & water)
- Agronomic research and experimentation

### OUR PHILOSOPHY

To bring tools and solutions to the different actors (research, education, consulting, industry) involved in environmental monitoring and protection.

### OUR MEANS

56 people, 2 agencies, 1 design office, 1 complete workshop of mechanics, electronics and assembly on a surface of 2000m<sup>2</sup>.

### OUR FORCES

**Our 25 years of experience**, our human size and our production facilities give us flexibility and responsiveness, in the respect of our quality assurance system. In addition to our technical expertise, these assets allow us to offer a range of high quality products at the right price.

### OUR SERVICES

**Study, design, industrialization, technical advise, training, on-site maintenance.**

### OUR CUSTOMERS PROFILES

Public agencies, nuclear industry and engineering companies, research institutes, consulting companies and universities all over the world.

### CUSTOMER REFERENCES

CEA, EDF, IRSN, AREVA, ANDRA, IAEA, CNRS, BRGM...  
INRA, CIRAD, IRSTEA, INERIS, ARVALIS, ANTEA, URS...  
BURGEAP, ERM, VEOLIA, SUEZ, MARINE NATIONALE...

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