

WASTE & RECYCLING MANAGEMENT



Table of contents

Ludlum Measurements Inc.	3
HLM-6GP Laundry Monitor	4
Model 375-600 Digital Area Monitor for Small Areas	5
Model 2100-1 Sample Counter	6
Model 329-32 Laundry Contamination Monitor	7
Model 2100 Conveyorized Sample Counter	8
Model 375P-3500 Conveyor Monitor	9
Model 375P-1000 Outdoor Monitoring System	10
Model 375P-2000 Outdoor Monitoring System	11
HLM-22, HLM-3G Laundry Monitor	12
Helgeson Scientific Services (HSS)	12
HS-DRUM – Waste characterization system for drums	14
HS-FRM – Free release monitor for drums, containers and big bags	15
HS-OTM – Object and tool monitors for objects monitoring	16
Complete storage and treatment plant for NORM wastes	17
Descaling system for NORM waste	18
Soil segregation unit	19
SDEC France	19
Isokinetic Sampling Probes – SDEC	21
Carbon 14 Sampler with 2 Vials – SDEC	22
Carbon 14 Sampler with 4 Vials – SDEC	23
Tritium Sampler with 2 Vials – SDEC	24
Bertin Instruments	24
Coriolis Consumables – Bertin Instruments	26



Ludlum Measurements, Inc. is a trusted global provider of radiation detection and monitoring instruments, offering rugged, accurate solutions for personnel safety, environmental protection, and security screening. Since 1962, their equipment has been used worldwide in applications ranging from nuclear power and emergency response to border protection and critical infrastructure monitoring.

Product offering

HLM-6GP Laundry Monitor



Model 375-600 Digital Area Monitor for Small Areas



Model 2100-1 Sample Counter



Model 329-32 Laundry Contamination Monitor



Model 2100 Conveyorized Sample Counter



Model 375P-3500 Conveyor Monitor



Model 375P-1000 Outdoor Monitoring System



Model 375P-2000 Outdoor Monitoring System



HLM-22, HLM-3G Laundry Monitor



HLM-6GP Laundry Monitor



Model 375-600 Digital Area Monitor for Small Areas



Model 2100-1 Sample Counter



The Model 2100-1 manually operated sample counting system processes sample steel slugs to determine whether any radioactive impurities exist. The gamma radiation counting system is a table-mounted, fully integrated design that includes a gamma detector, sample tray, and controller.

The counting electronics incorporates two channels to distinguish between low and high energy gamma isotopes. All parameters, such as alarm point and count time are user-adjustable from the front panel LCD touch screen via a simple menu selection.

Measurement results for each sample are displayed on the backlit LCD. An Ethernet port reports all results and system status in real time for remote data logging and alarm annunciation. Visual and audible alarms are annunciated via the system's LCD and rear panel mounted buzzer respectively. A built-in relay provides a method for driving an external horn/strobe (available as an option).

One rear panel mounted USB port enables connection to either a keyboard or barcode reader device for the purpose of entering sample IDs.

Features

- High Sensitivity Gamma Detector
- Separate High & Low Gamma Energy Sampling
- User-Adjustable Parameters
- Color LCD Touch Screen
- Ethernet Connectivity
- Remote Alarm Output
- USB Ports for ID Input Devices



Model 329-32 Laundry Contamination Monitor



Model 2100 Conveyorized Sample Counter



The Model 2100 automated sample counting system processes sample steel slugs to determine whether any radioactive impurities exist. The gamma radiation counting system is a table-mounted, fully integrated design that includes a gamma detector, sample conveyor, and controller to facilitate automated processing.

Once the sample has been positioned on the conveyor, an infrared sensor automatically initiates conveyance of the sample into the lead shielded detector where it is counted for a predetermined time. Once the count is completed, the conveyor again advances until the sample drops into a discard container.

The counting electronics incorporates two channels to distinguish between low and high energy gamma isotopes. All parameters, such as alarm point and count time are user-adjustable from the front panel LCD touch screen via a simple menu selection.

Measurement results for each sample are displayed on the backlit LCD. An Ethernet port reports all results and system status in real time for remote data logging and alarm annunciation. Visual and audible alarms are annunciated via the system's LCD and rear panel mounted buzzer respectively. A built-in relay provides a method for driving an external horn/strobe (available as an option).

One rear panel mounted USB port enables connection to either a keyboard or barcode reader device for the purpose of entering sample IDs.



Model 375P-3500 Conveyor Monitor



Model 375P-1000 Outdoor Monitoring System



Model 375P-2000 Outdoor Monitoring System







Helgeson Scientific Services (HSS) designs and manufactures advanced radiation monitoring systems focused on personnel safety, facility protection, and waste control. Their portfolio includes whole-body monitors, portal detection systems, and waste management solutions—each developed to support the safe handling of radiological materials in critical environments.

Product offering

HS-DRUM - Waste characterization system for drums



HS-FRM - Free release monitor for drums, containers and big bags



HS-OTM - Object and tool monitors for objects monitoring



Complete storage and treatment plant for NORM wastes



Descaling system for NORM waste



Soil segregation unit



HS-DRUM - Waste characterization system for drums



HS-FRM - Free release monitor for drums, containers and big bags



HS-OTM - Object and tool monitors for objects monitoring



Complete storage and treatment plant for NORM wastes



Descaling system for NORM waste



Soil segregation unit





SDEC France is a specialized manufacturer of environmental monitoring and laboratory equipment, offering comprehensive solutions for waste and recycling management, environmental monitoring, and laboratory applications. With over 30 years of experience, the company designs and produces high-quality instruments to support professionals in environmental science, agronomy, and radiological safety.

Product offering

Isokinetic Sampling Probes - SDEC



Carbon 14 Sampler with 2 Vials - SDEC



Carbon 14 Sampler with 4 Vials - SDEC



Tritium Sampler with 2 Vials - SDEC





The Isokinetic Sampling Probes (SDEC) are recognized in the nuclear industry and adapted for all type of sampling in single-point or in multi-points.



Isokinetic Sampling Probes features:

- quality and durability
- high level of finish
- customized manufacture
- the best price

Read more about the Isokinetic Sampling Probes on the [SDEC website](#)

Carbon 14 Sampler with 2 Vials - SDEC



The Carbon 14 Sampler with 2 Vials (SDEC) has been designed to capture CARBON gas (CO_2 or CO). It can be equipped with a cooling system that will prevent all sample loss due to evaporation in the feeding bottles.

Carbon 14 Sampler with 2 Vials features:

- in compliance with the nf m60-812-1 norm
- excellent trapping efficiency (close to 99%)
- cooling system to increase sampling length (option)
- good price
- constant evolution of the product
- easy to use
- connectable to all sampling lines

Read more about the Carbon 14 Sampler with 2 Vials on the [SDEC website](#)



Carbon 14 Sampler with 4 Vials - SDEC



The Carbon 14 Sampler with 4 Vials (SDEC) brings original solutions in the exploitation of sampling systems for carbon gas and carbon water. This sampler is mainly used for the detection of chimney rejects and carbon wastes degassing.



Carbon 14 Sampler with 4 Vials features:

- excellent trapping efficiency (close to 99%)
- cooling system to increase sampling length (option)
- good price
- constant evolution of the product
- easy to use
- connectable to all sampling lines
- in compliance with the NF M60-812-1 norm

Read more about the Carbon 14 Sampler with 4 Vials on the [SDEC website](#)

Tritium Sampler with 2 Vials - SDEC



The Tritium Sampler with 2 Vials (SDEC) offers original solutions for the operation of collection systems for tritium gas and tritiated water. This collection system is mainly used for the detection of stack waste and the degassing of tritium waste.



Tritium sampler with 2 bottles features:

- good pedaling efficiency
- cooling system to increase sampling length (option)
- good price
- constant evolution of the product
- very robust
- easy to use
- can be connected to all sampling lines

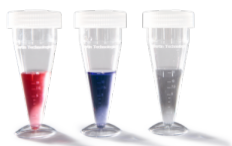
Read more about the Tritium Sampler with 2 Vials on the SDEC website



Bertin Instruments is a global provider of advanced radiation detection and environmental monitoring solutions, specializing in handheld monitors, personal electronic dosimeters, environmental monitoring systems, and waste & recycling management technologies. Their instruments are designed to meet the rigorous demands of nuclear facilities, emergency response teams, and environmental agencies.

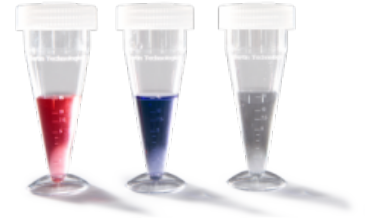
Product offering

Coriolis Consumables - Bertin Instruments





Coriolis consumables are part of the cyclonic technology: the separation of the airborne particles from the air flow is due to the air flow rate, the air intake geometry, the design of the cones and the collection liquid (surfactant in low concentration).



Introduction video

Consumables

- cones & caps : The cones and caps are designed specifically for the use with the Coriolis μ
- collection liquid doses
- LTM consumables : collection liquid in bottle and tubing kit
- air intake : depending of your research you can adapt the air intake
- standard air intake : air take compatible with all Coriolis for classical samplin
- LTM air intake : dedicated to long time monitoring collection (only compatible with the LTM platform)
- 25 mm connection LTM : designed to propose a hose attachment (testing chamber, confined space ...)

Advantages Coriolis consumables

- dedicated cones to perform high efficiency collection
- adaptor to connect to any 25 mm diameter connector
- easy set up with calibrated 15 ml collection liquid dose
- liquid collection compatible with any downstream experiment
- cones available sterile and non-sterile

Please contact our product specialist.