

## HLM-6GP Gas Proportional

### Laundry-Monitor for reliable Beta-Detection in Clothing and textile Items

The HLM-6GP Laundry monitor is designed for the measurement and release of clothing items such as overalls, towels and overshoes from controlled areas. Featuring automatic measurements and a stainless-steel grid conveyor, the HLM-6GP provides precise and reliable detection of contamination.

Detectors, positioned to reduce dead zones, measure materials on the moving conveyor through the tunnel, above and below. A touch display positioned next to the user on a moving arm, allows for convenient and easy operation of parameter during measurements and service mode.



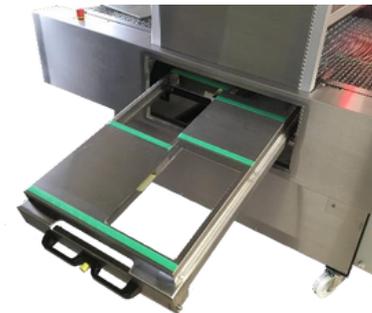
### Key Benefits

- 2m x 1m measurement belt
- Automated adjustable distance between detector and material
- Variable conveyor speed
- Equipped with heavy duty lockable wheels
- Automatic Start/Stop measurement
- Power provided by UPS for measurement PC during mains power outage
- Integrated mini UPS for data retention of the measuring computer in case of short-term power failure
- Stainless Steel lining for easy decontamination
- Export of measurement data and parameters in XML format via USB
- Access to historical measurement data via integrated database
- Network capability for remote monitoring and supervision
- Access to Ludlum detector analysis tool
- Loading tray
- GP with GasProportional Detectors

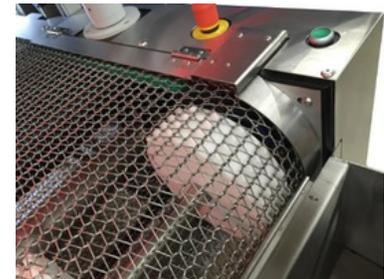
<b>Standards:</b>	Der Monitor is compliant with the following standards: IEC61098, CE, CSA / UL or EMC, ISO11929
<b>Detectors:</b>	6x GasProportional Detectors, split in 4 channels Active area 5.808 cm <sup>2</sup> Direct connection between detector and PC via USB
<b>User Software:</b>	Intuitive and user-friendly software with touch screen display Fully automated measurement process with voice guidance. Web based for remote RPO access
<b>Electronics:</b>	Status of the monitor shown by a coloured LED-light Standard interfaces allow the connection to external components and equipment
<b>Housing:</b>	Stainless Steel Adjustable tunnel: 20 – 200 mm Width of conveyor belt: 1.000 mm
<b>Gas flow</b>	Adjustable and readable on the monitor via gas flow meter; gas consumption around 5l/h
<b>Dimensions:</b>	(H x W x D): 1.500 x 1.400 x 2.000 mm
<b>Sensors:</b>	Automatic Start/Stop Motor with position sensor
<b>Weight:</b>	Standard: 450 kg
<b>Power Supply:</b>	110 - 230V / 1Ph / N / PE / 50/60Hz Integrated UPS to finish measurements and protect the controllers



Detector height adjustment



Detector draw



Conveyor belt

## Additional Options

Ludlum offers a wide range of additional options to enhance the capabilities of the monitor and is able to tailor the HLM-6GP to your specific needs.

Example options:

- Additional Gamma plastic detectors
- Beta-plastic detectors
- Mechanical adjustment
- Extended conveyor belt

