

Model HLM-6

Laundry Monitor for Reliable Beta-Detection on Clothing and Textile Items

The Model HLM-6 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 Model HLM-6 provides precise and reliable detection of contamination.

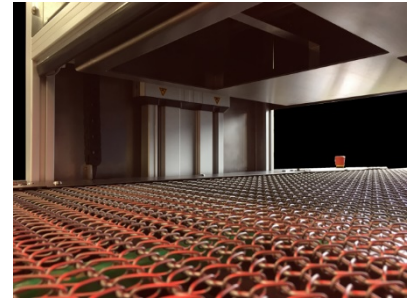
Detectors, positioned to reduce dead zones, measure materials on the conveyor through the tunnel, from both above and below. A touch-screen display positioned on a moving arm allows for convenient and easy operation of parameters during measurements and service mode.



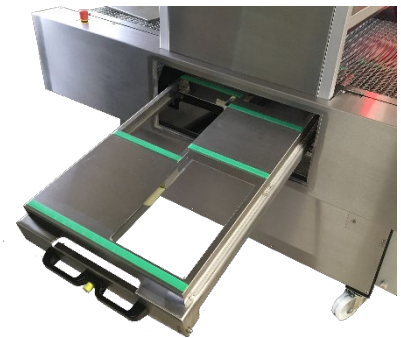
Key Features

- 2 m x 1 m (6.6 x 3.3 ft.) Conveyor 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 During Power Outages
- Stainless Steel Lining for Easy Decontamination
- Export of Measurement/Parameter Data in XML Format via USB
- Access to Historical Measurement Data via Integrated Database
- Network Capability for Remote Monitoring and Supervision
- Access to Detector Analysis Tool
- Loading Tray

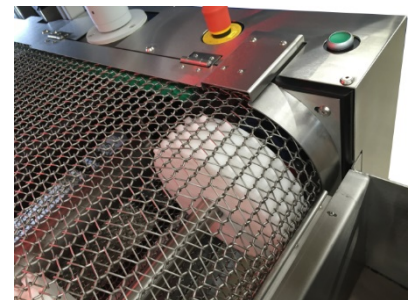
Standards:	The monitor is compliant with the following standards: IEC61098, ISO11929, CE, CSA / UL or EMC Directive
Detectors:	6x beta plastic detectors Active area: 5,250 cm ² (814 in ²)
User Software:	Intuitive and user friendly software with touch screen display. Automated measurement process with voice guidance. Web based for remote RPO access.
Electronics:	The status of the monitor is displayed by a colored LED-light. Standard interfaces allow the connection to external components and equipment.
Housing:	Stainless steel Adjustable tunnel: 10 – 150 mm (0.4 – 5.9 in.) Width of conveyor belt: 1,000 mm (39.4 in.)
Sensors:	Automatic start/stop Motor with position sensor
Dimensions:	1,565 x 1,010 x 1,102 mm (61.6 x 39.8 x 43.4 in.) (H x W x D)
Weight:	Standard: 400 kg (882 lb)
Power Supply:	110 – 230 V / 1 Ph / N / PE / 50/60 Hz, 4 A Integrated UPS to finish measurements and protect the controllers



Detector Height Adjustment



Detector Drawer



Conveyor Belt

Additional Options

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

Example options:

- Additional gamma plastic detectors
- Mechanical adjustment to 180 mm (7 in.)
- Automatic height setting of upper detectors



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