



## HLM-6 Laundry Monitor

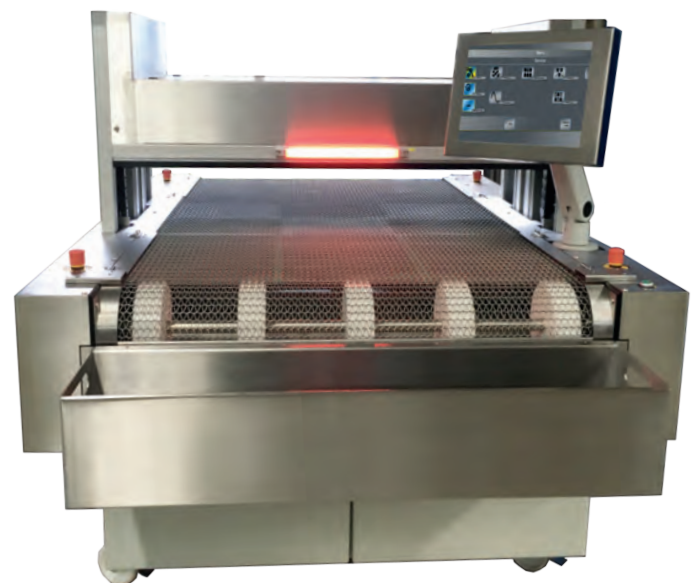
Precise contamination monitoring for clothing towels, overshoes and other items.

### Product overview

The 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 HLM-6 provides precise and reliable detection of contamination supported by an impressive mathematical algorithm. 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.

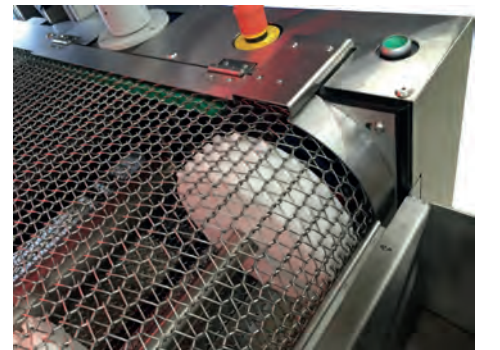
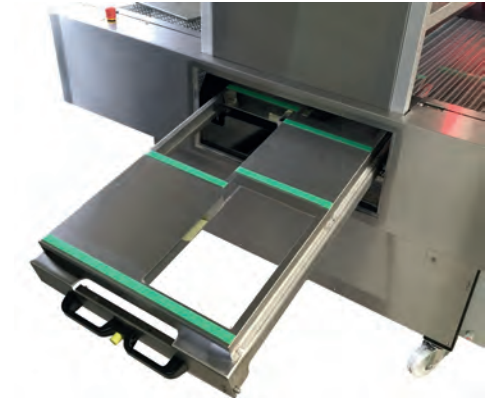


### Key benefits

- 2m by 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
- Stainless Steel lining for easy decontamination
- Access to historical measurement data via integrated database
- Export of measurement/parameter data in XML format via USB
- Network capability for remote monitoring and supervision
- Access to JFN's test tool software for detector analysis
- Loading tray

# Specifications

Standards:	The monitor is compliant with the following standards: IEC61098, CE, CSA/UL or EMC and ISO11929
Detectors:	6 Beta plastic detectors Active area: 5250 cm <sup>2</sup>
User Software:	Intuitive and user friendly software Fully automated measurement process with voice guidance for users. Web based for remote RPO access
Power Supply:	110 – 230V Uninterruptable power supply
Sensors:	Automatic start / stop Motors with position sensors
Dimensions:	1500 x 1400 x 2000 mm (H x W x D) Adjustable tunnel: 10 – 150 mm Conveyor width: 1000 mm
Weight:	Standard version: 400 kg



## Additional options

JFN offer a range of additional options to enhance the capabilities of the monitor and are able to tailor the HLM-6 to your specific needs.

Example options:

- Gamma detectors
- Gas flow detectors
- Mechanical adjustment to 15cm (H)
- Automatic height setting of upper detector

## Support services

James Fisher Nuclear is able to offer a full suite of services from the provision of radiological monitoring products, instrumentation service, maintenance and calibrations to in-house design and expert project management with nearly 40 years of experience.

Our instrumentation team is able to provide essential calibration and maintenance services for a range of radiological protection instruments with a service hotline to provide support and advice for your new and existing instrumentation.

t: +44 (0) 845 3013028

@: [sales@jfninstruments.com](mailto:sales@jfninstruments.com)

James Fisher  
Nuclear



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