

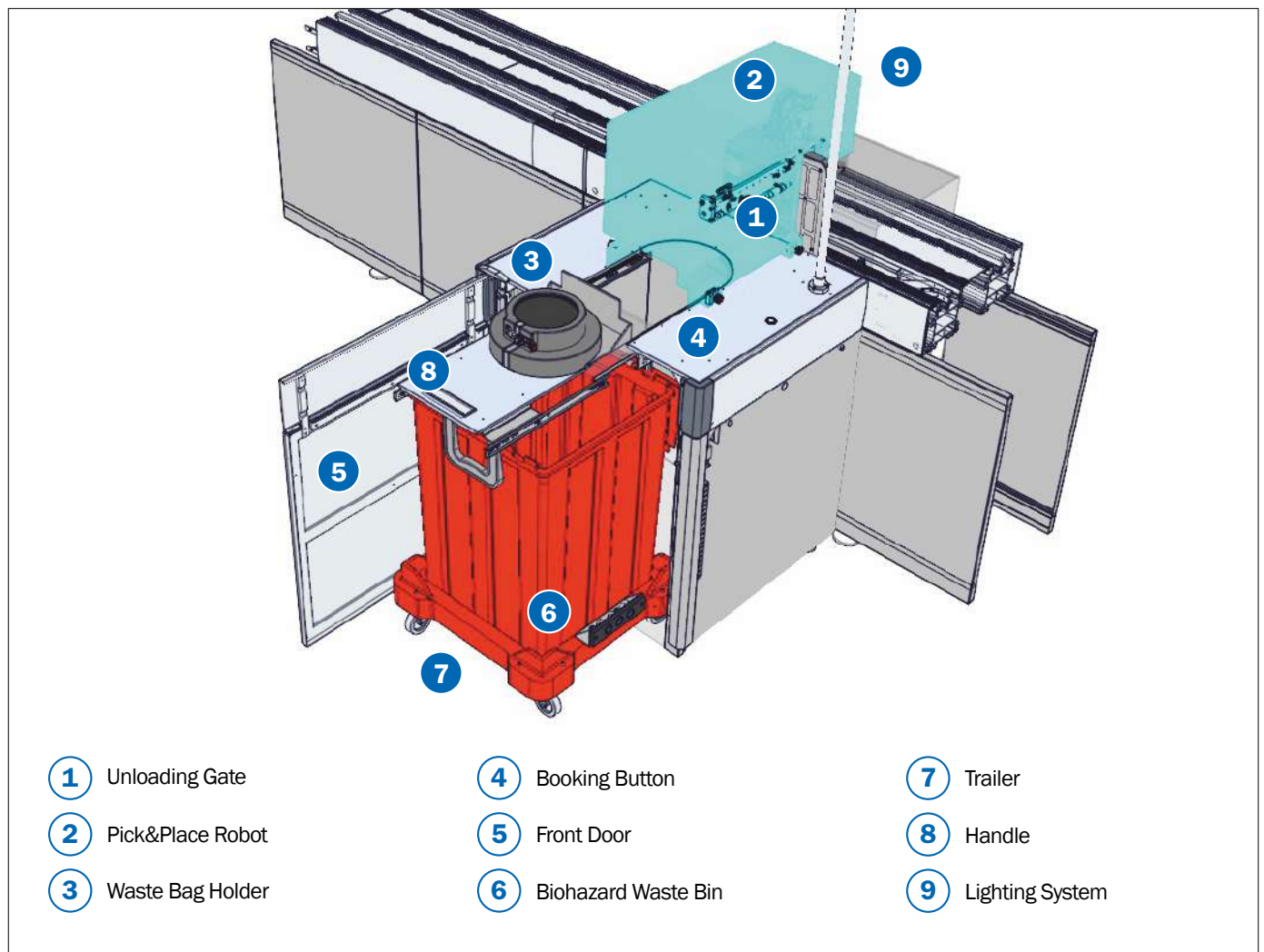
## Multifunction Output Module (MOM)

### Technical Data Sheet

The Multifunction Output Module (MOM) is designed to safely and automatically dispose opened and closed tubes in a Biohazard waste bin, reducing the contamination risk for Lab operators.

**It consists of:**

- A. An internal chamber to isolate waste bin from operator work environment
- B. A dedicated closure to easily fix the waste bin to the module structure avoiding any risk of spillage
- C. A trailer to facilitate waste bin extraction and substitution.



### Benefits

- > Immediate disposal of all types of samples not requiring storage
- > Guarantee of any fluid spillage outside the Biohazard bag of the Waste Bin thanks to its design
- > High safety for the operator in managing discarded samples
- > Easy Waste Bin extraction and substitution

### Applications

- > Wasting of all completed sample tubes on Automation System, independently of the cap presence



## Main Features

Throughput	800 tubes/h	
Walk-away capacity	800 tubes (bin capacity)	
Tube specifications	Sample type	All (Spun and Unspun)
	Cap type	All (Capped, Uncapped, Sealed and Unsealed)
	Dimensions (mm)	13x75, 13x100, 16x75, 16x100
Position along the automation	Between Analytical Area and Input Area	

## Other Features

- > The MOM has one Pick and Place Robot to pick sample tube up from carrier at the Unloading Gate and waste it into the Waste Bin
- > The MOM has a Waste Bag Holder to grip the biohazard Waste Bag
- > The MOM is equipped with a Front Door with a locking device to prevent unexpected access to the bin
- > The MOM is provided with the Booking Button that an operator can press to unlock the Front Door and access the bin, at the time of bin replacement
- > The MOM has a Lighting System that indicates the level of the monitored wasted sample tubes contained in the Waste Bin
- > The MOM notifies the operator when the Waste Bin warning threshold is reached
- > The MOM has sensors to notify if the Waste Bin is absent and if the Front Door is opened during the standard operations
- > The MOM has been designed and validated to manage the Stericycle TB01 Waste Bin, the related Dolly Trailer and minimum bag dimensions of 550mm diameter and 1150mm height. These three components are provided by the Laboratory

### Technical Specifications

Dimensions (LxHxD) (mm)	740x1892x660
Main clearances (left x right x front) (mm)	500x500x700
Weight (Kg)	80
Compressed air (NL/min)	16.8
Power inlet point	230 Vac

Maximum continuous current (A)	/
Maximum alternate current (A)	1.2
Total power consumption (VA)	276.0
Heat (BTU/h)	750.7

### Technical Drawing

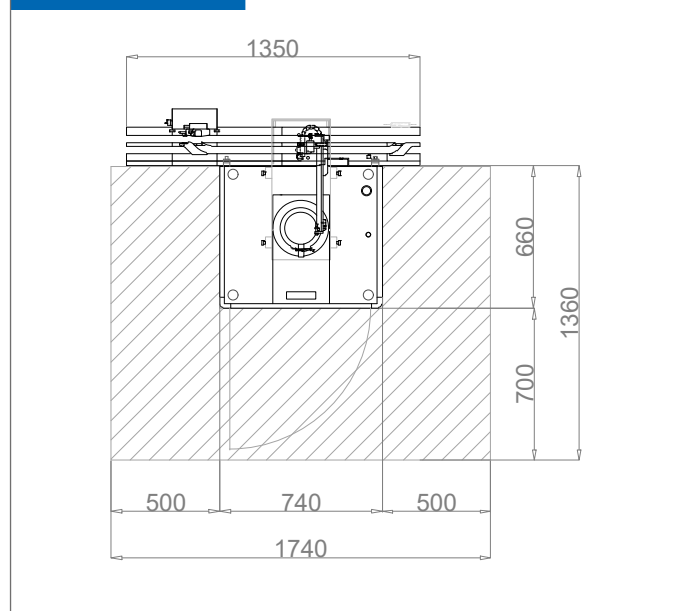


Figure 1. Module dimensions and clearances expressed in mm.

### Ordinary Maintenance

Operator <sup>1</sup>	Monthly
Service <sup>2</sup>	Every 90-180 days, according to operations

<sup>1</sup> According to Operation Manual. <sup>2</sup> The periodicity depends also on the number of routine tubes/day. For more details refer to Service Manual.

### Part Numbers

	FlexLab Standard	FlexLab HT
Module	N.A.	FLX-251-10
Slot	N.A.	FLX-551-10

N.A. = Not Available

### Components\*

Waste Bin	Stericycle TB01
Dolly	D18183
Waste Bags	LIN042C

\* not provided by Inpeco

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