

## Bulk Output Module (BOM)

### Technical Data Sheet

The Bulk Output Module unloads sample tubes from the automation system into a box without using racks. This is required when sample testing is completed or tubes need to be discarded or sorted out. The Bulk Output Module can process different tube types and sizes simultaneously.

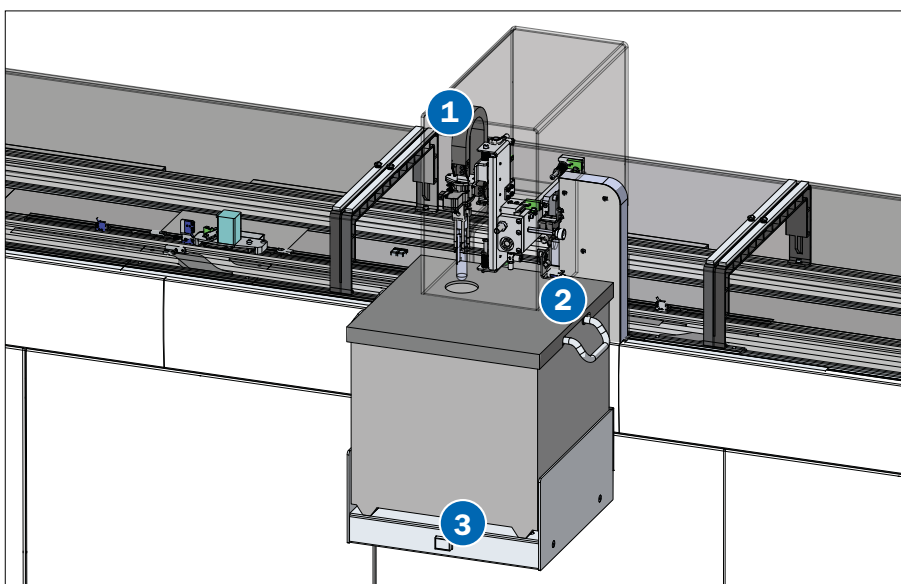


#### Benefits

- > Immediate disposal of samples not requiring storage
- > Output for samples requiring testing on *stand-alone* analyzers, not connected to the automation system
- > Processing of various tube types and sizes

#### Applications

- > As waste: tubes not addressed to storage are directly discarded
- > As sorting out: tubes addressed to a *stand-alone* specialty are directly routed to BOM



- 1 Module robot
- 2 Box
- 3 Booking button



## Main Features

Throughput	1200 tubes/h
Walk-away capacity	600 tubes (box capacity threshold)
Tube specifications	
Sample type	All (spun and unspun)
Cap type	Capped
Dimensions (mm)	All allowable on automation
Position along the automation	As output module: between Input Area and Analytical Area As sorting module: where it is most useful along the workflow

## Other Features

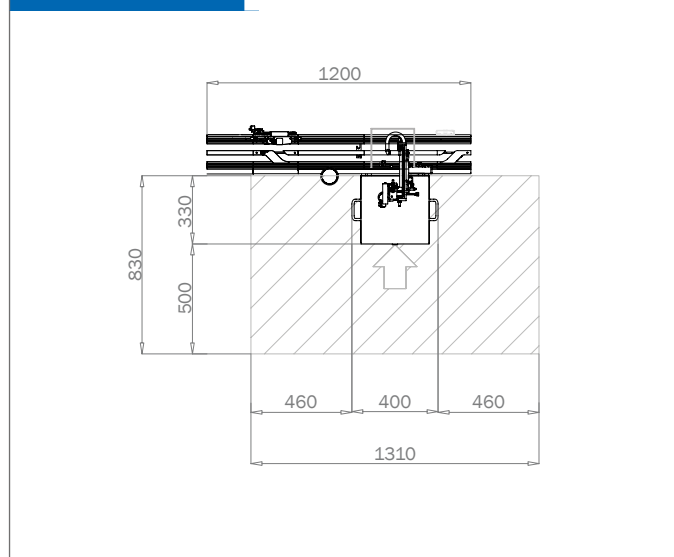
- > The BOM uses a Robot to pick sample tubes from the track and places them into the Box
- > The BOM has a Booking Button to allow access to the Box
- > The BOM has a Lighting System indicating the level of Sample Tubes contained into the Box

### Technical Specifications

Dimensions (LxHxD) (mm)	400x1890x330
Main clearances (left x right x front) (mm)	460x460x500
Weight (Kg)	30
Compressed air (NL/min)	15.37
Power inlet point	24 Vdc

Maximum continuous current (A)	3.5
Maximum alternate current (A)	/
Total power consumption (VA)	121.7
Heat (BTU/h)	228.5

### Technical Drawing



Module dimensions and clearances expressed in mm.

### Ordinary Maintenance

Operator <sup>1</sup>	Monthly
Service <sup>2</sup>	Every 30-180 days, according to operations

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

### Part Numbers

	FlexLab Standard	FlexLab HT
Module	N.A.	FLX-250-10
Slot	N.A.	FLX-550-10

N.A. = Not Available.

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