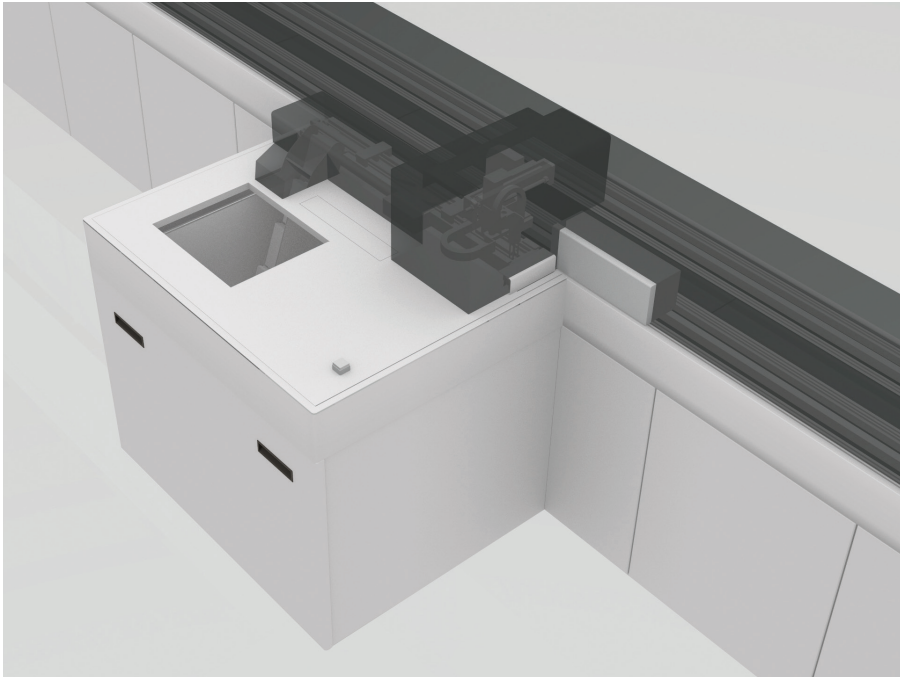


Bulk Input Module (BIM)

Technical Data Sheet

The Bulk Input Module allows direct loading of capped sample tubes on the automation track without using racks. Tube type and sample identification are performed through a barcode reader, allowing to trace the samples along the automation track.

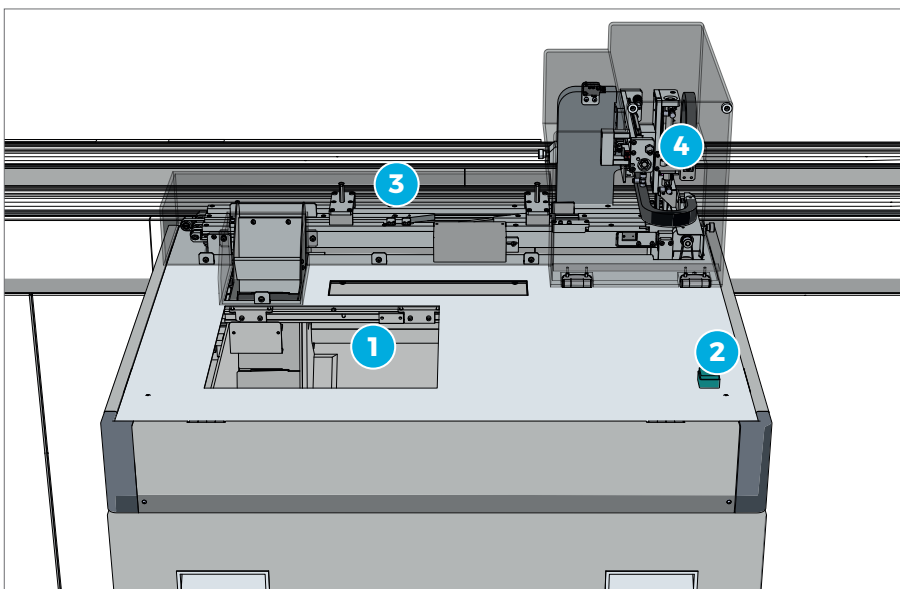


Benefits

- > Immediate and fast loading of sample tubes in one shot
- > Elimination of sample touch by the human operator

Applications

- > Loading of sample tubes in bulk



- 1 Lid
- 2 Lid Button
- 3 13 mm and 16 mm lanes
- 4 BIM Robot

Main Features

Throughput	Up to 1000 tubes/h
Walk-away capacity	700 tubes
Tube specifications	
Sample type	Unspun
Cap type	Capped
Dimensions (mm)	13x75, 13x100, 16x75, 16x100
Position along the automation	Input Area

The maximum throughput calculations are obtained in optimized and standardized conditions, as tested by Inpeco.

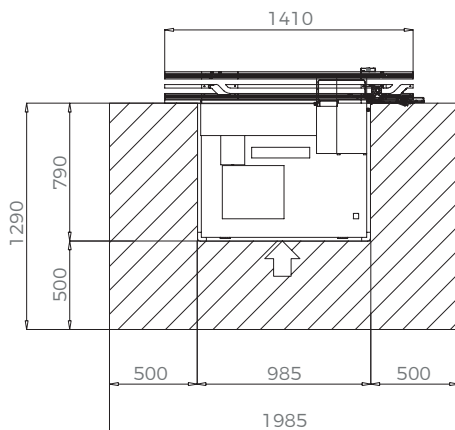
Other Features

- > BIM has Lid Button to allow manual access to the Box under safety condition
- > BIM guarantees a speed and movements of its Tube Elevator and internal buffer belts to avoid sample tubes damage
- > BIM has a lamp with red and green lights to identify its status
- > Available with Barcode Reader (BCR) or with a Tube Identification Module (TIM)
- > Optional addition of automatic samples loading systems by means of Tempus 600 or Automatic Conveyor Loading

Technical Specifications

	BCR configuration	TIM configuration
Dimensions (LxHxD) (mm)	985x1235x790	985x1235x790
Main clearances (left x right x front) (mm)	500x500x500	500x500x500
Weight (Kg)	130	130
Compressed air (NL/min)	33.71	33.71 (Standard) 30.96 (HT)
Power inlet point	230 Vac	230 Vac

Technical Drawing



Module dimensions and clearances expressed in mm.

	BCR configuration	TIM configuration
Maximum continuous current (A)	/	/
Maximum alternate current (A)	1	1.1
Total power consumption (W)	230	253
Heat (BTU/h)	625.6	688.2

Ordinary Maintenance

Operator ¹	/
Service ²	Every 30-180 days, according to operations

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

Part Numbers

	FlexLab™	FlexLab™ for High Throughput
Main module	FLX-215-02	FLX-215-12
Configuration BCR	FLX-515-01	N.A.
TIM	FLX-546-02	FLX-546-12
Additional Module		
Tempus 600	FLX-112-21	FLX-112-21
Conveyor*	0A00008478	0A00008478

N.A. = Not Available.

*The compatibility of conveyor part number must be verified in relation with the main module part number

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