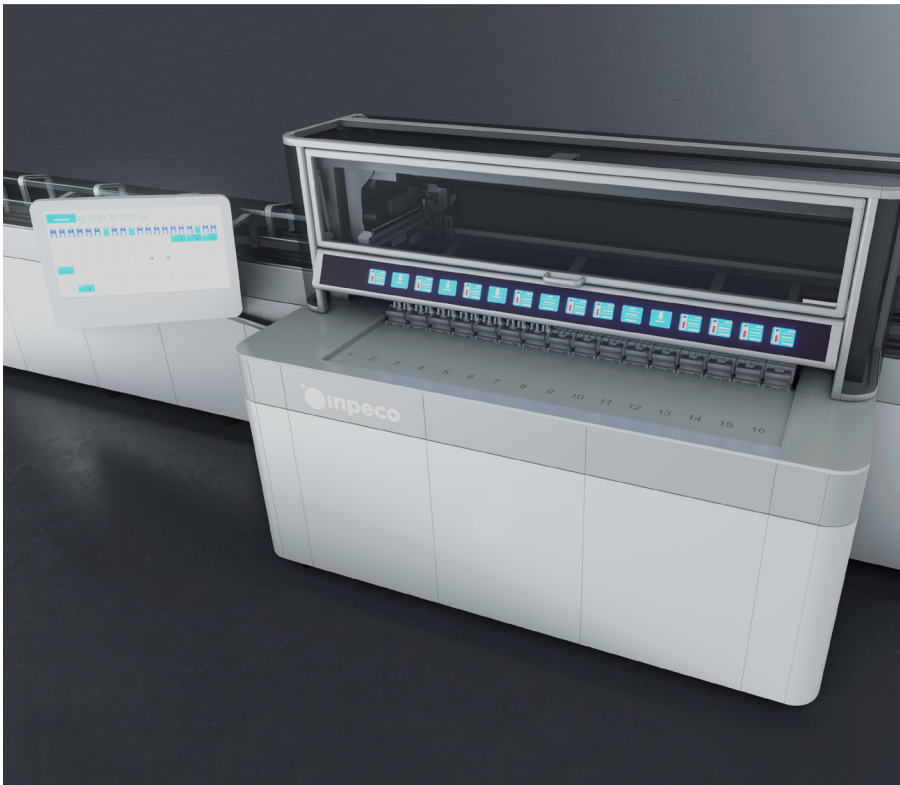


# Input/Output Module Open Access (IOX Open Access)

## Technical Data Sheet

The Input/Output Module Open Access allows the loading and unloading of sample tubes located in Inpeco racks or third party racks onto and from the automation system. Inpeco racks can be loaded onto 16 different lanes, each of which is configurable for different purposes: input, output, sorting, parking, and error management. Third party racks can be loaded onto dedicated rack adapters for input or sorting purposes. Thanks to the embedded Vision System, each tube is traced throughout its diagnostic journey and the color touchscreen-based user interface allows for easy configuration and operation of the module.

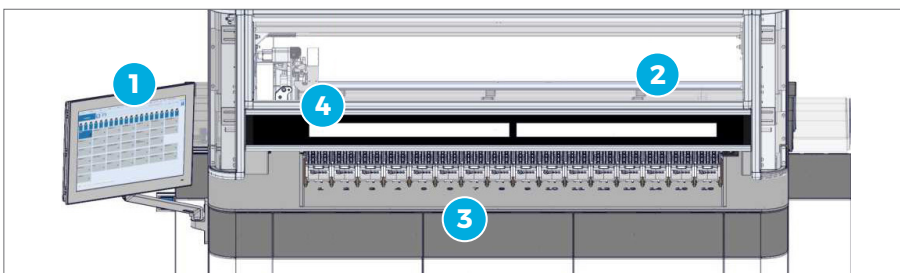


### Benefits

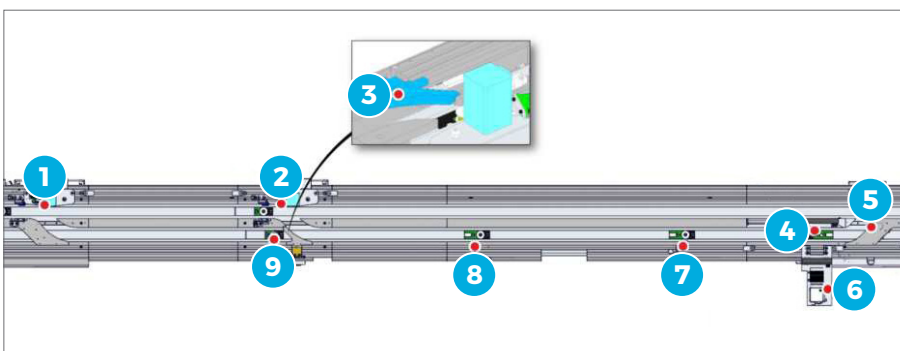
- > Easy and reliable loading, sorting, and unloading of samples in racks, from small to very high volumes
- > Prioritization of STAT sample tubes
- > Configurable to specific laboratory requirements
- > Full traceability of the sample journey

### Applications

- > Loading of sample tubes in racks
- > Management of sample tubes in error condition
- > Sample tubes sorting in lanes specifically configured for off-track purposes



- 1 Panel PC (optional)
- 2 Safety cover
- 3 Worktable
- 4 Color touchscreen



- 1 Empty Carrier Divert gate
- 2 Full Carrier Divert gate
- 3 Downbridge gate
- 4 Identification gate
- 5 ATR device
- 6 Vision System
- 7 Load gate
- 8 Unload gate
- 9 Empty Carrier Buffer gate



## Main Features

Throughput	1000 tubes/h load and unload 600 tubes/h with tubes orientation
Capacity	768 tubes
Sample type	All tubes allowed on the automation system
Cap type	All tubes allowed on the automation system
Dimension (mm)	All tubes allowed on the automation system
Position along the automation	Dependent on the designed function of the Automation

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

## Other Features

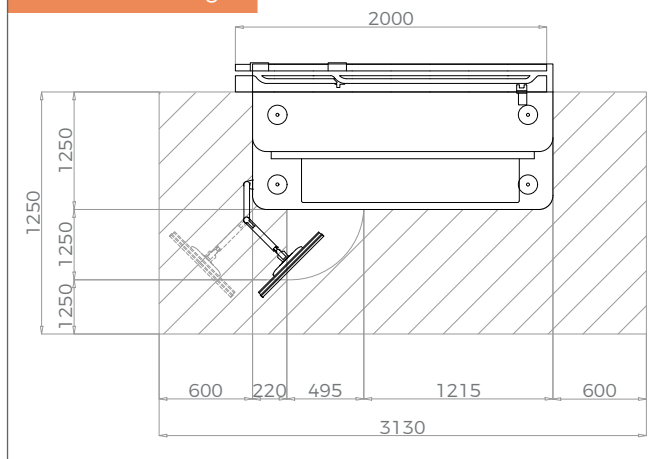
- > Each lane is configurable for specific purposes (input, output, sorting, parking, and error management)
- > Rack Lock System assures safe sample handling  
LCD Bar displays each rack lane's status and configuration
- > Vision System enables sample identification and tube type recognition
- > Sample tube orientation before unloading the tube from track to analyzer rack, in order to center the barcode with the inspection window of the rack

## Technical Specifications

Dimensions (LxHxD) (mm)	1930x1600x770
Main clearances (left x right x front) (mm)	600x600x800
Weight (Kg)	230
Compressed air (NL/min)	4,7
Power inlet point	230 Vac

Maximum continuous current (A)	4,2
Maximum alternate current (A)	n/a
Total power consumption (Va)	966
Heat (BTU/h)	2627,5

## Technical Drawing



Module dimensions and clearances expressed in mm.

## Ordinary Maintenance

Operator <sup>1</sup>	/
Service <sup>2</sup>	Every 90-365 days, depending on frequency of use

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

## Part Numbers

	FlexLab™ for High Throughput
Main module	FLX-253-13
Slot	FLX-544-14