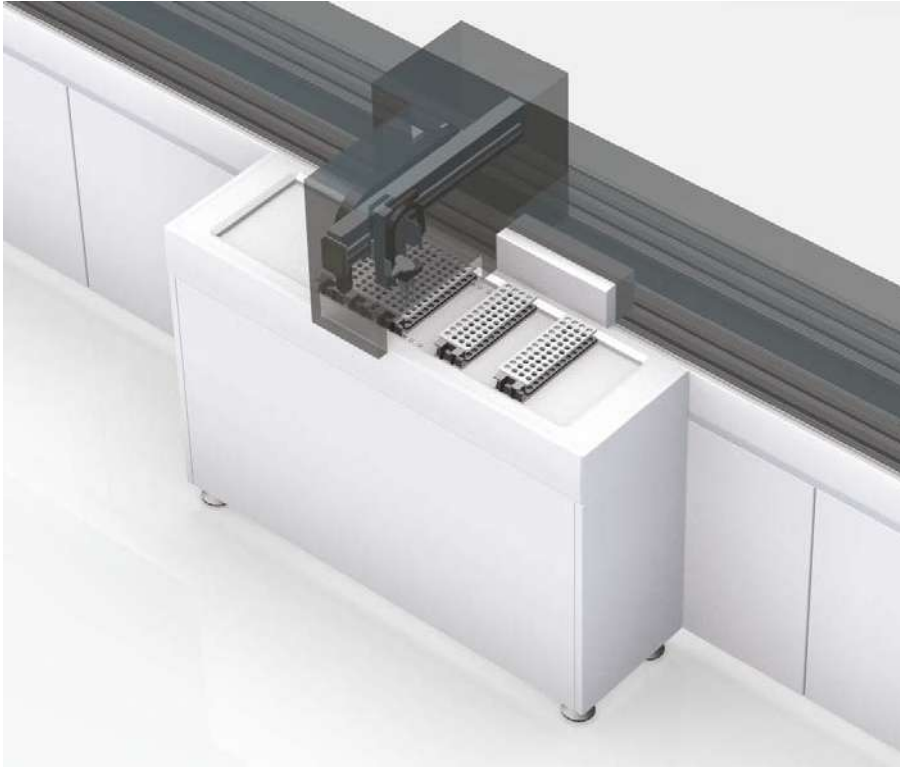


## Rack Output Module (ROM)

### Technical Data Sheet

The Rack Output Module unloads sample tubes into racks when sample testing is completed or tubes need to be sorted. The Rack Output module can process simultaneously different tube types and sizes.

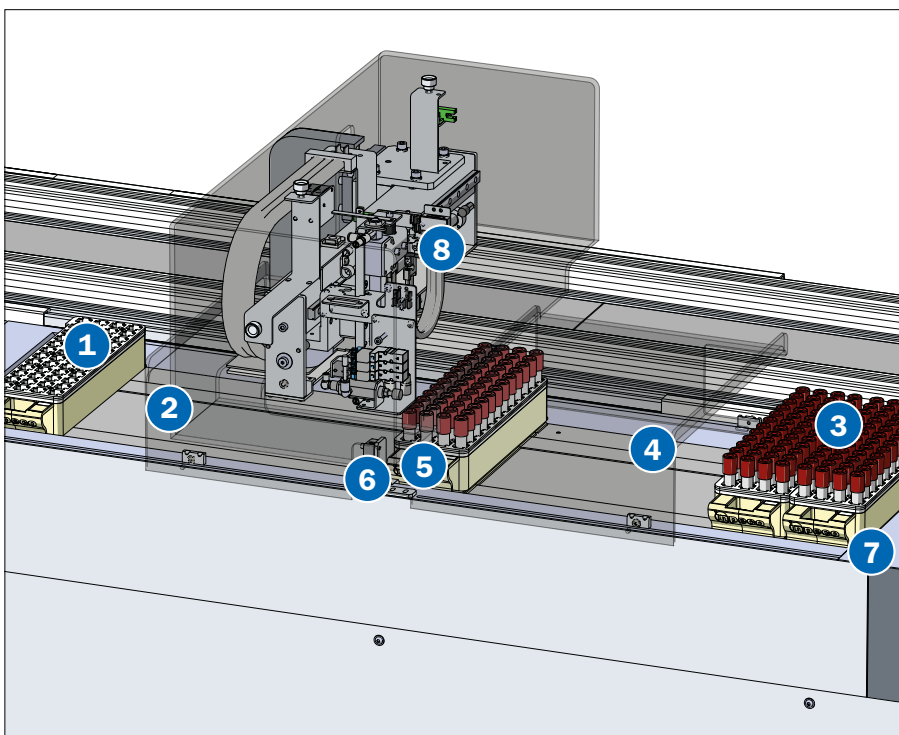


#### Benefits

- > Immediate output of samples not requiring storage
- > Customized sorting of tubes (external labs, offline analyzers) and possibility to assign a specific ROM to each analyzer type
- > Processes various tube types and sizes

#### Applications

- > As output: tubes not addressed to Storage directly unloaded
- > As sorting out: tubes addressed to a stand-alone specialty directly collected into ROM



- 1 Loading Rack Position
- 2 Input Rack Buffer
- 3 Unloading Rack Position
- 4 Output Rack Buffer
- 5 Active Rack Position
- 6 Tube Presence Sensor at the Active Rack Position
- 7 Loading/Unloading LED
- 8 Rack Output Module Robot



## Main Features

Throughput	800 tubes/h
Walk-away capacity	288 tubes (rack buffer capacity)
Tube specifications	
Sample type	All (spun and unspun)
Cap type	All (capped, uncapped, and sealed)
Dimensions (mm)	13x75, 13x100, 16x75, 16x100
Position along the automation	- As output module: before Input Area and after Analytical Area - As sorting module: where it is most useful along the workflow

## Other Features

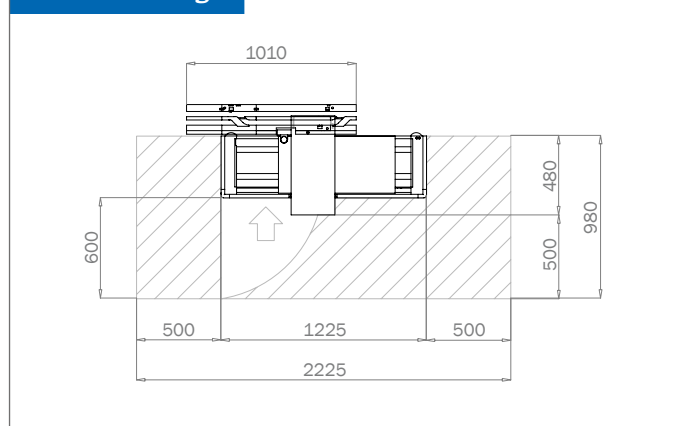
- > The ROM can locate 6 48-positions racks, uniquely identified by a Barcode ID
- > A sample rack Barcode Reader allows sample rack identification at the Active Rack position and at the Sample Rack Removal Position
- > The ROM has one red LED and one green LED that alternately light up according to belt functioning

### Technical Specifications

Dimensions (LxHxD) (mm)	1225x1530x480
Main clearances (left x right x front) (mm)	500x500x600
Weight (Kg)	115
Compressed air (NL/min)	10.05
Power inlet point	230 Vac
Maximum continuous current (A)	/

Maximum alternate current (A)	2.7
Total power consumption (W)	621
Heat (BTU/h)	1689.1

### Technical Drawing



Module dimensions and clearances expressed in mm.

### Ordinary Maintenance

Operator <sup>1</sup>	Weekly, 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 routine tubes/day. For more details refer to Service Manual.

### Part Numbers

	FlexLab Standard	FlexLab HT
Module	FLX-216-04	N.A.
Slot	FLX-516-02	N.A.

N.A. = Not Available.

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