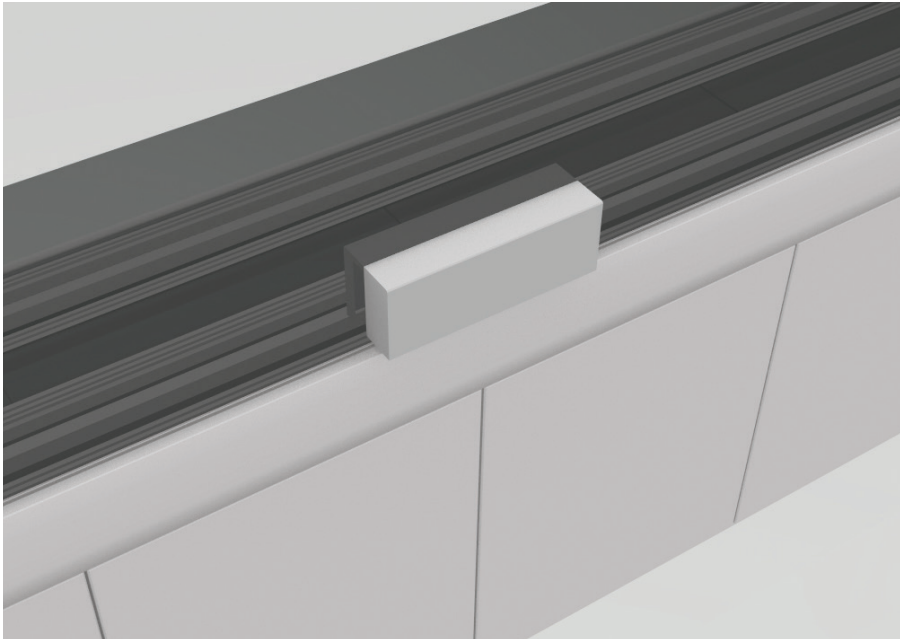


Sample Volume Detection Module (SVD) Technical Data Sheet

The Sample Volume Detection Module allows to identify the tube type, to measure the serum/plasma volume in the sample tube, to detect the cap presence, and to measure the serum/plasma level in the sample tube (called Filling volume).

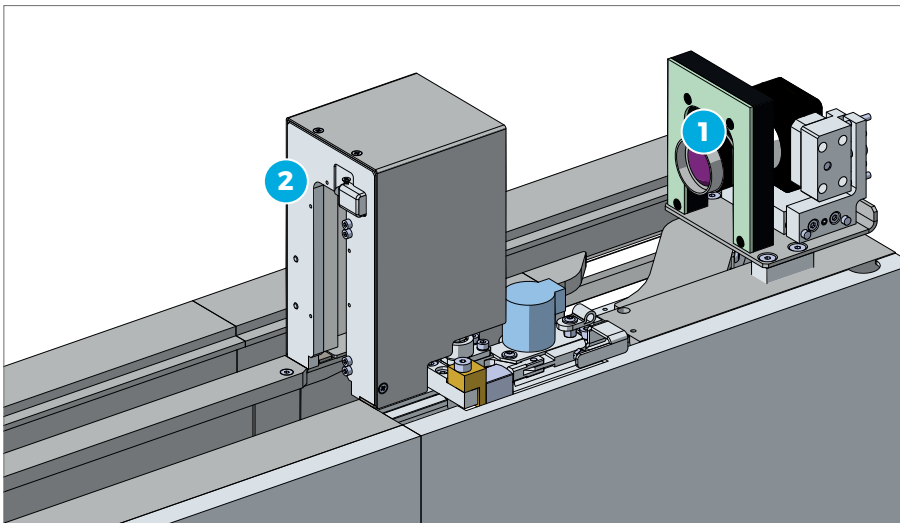


Benefits

- > Avoiding useless workload for analysis invalidated by Serum/Plasma volume under a minimum required threshold (reducing also time to results)
- > Saving analyzers reagents waste and thus reducing cost

Applications

- > As output: tubes not addressed to Storage directly unloaded



1 Camera

2 Tunnel



Main Features

Throughput	Up to 700 tubes/h (Standard), 800 tubes/h (HT)
Walk-away capacity	Always automatically loaded
Tube specifications	
Sample type	Spun
Cap type	Capped and Uncapped
Dimensions (mm)	All allowable
Position along the automation	In the Preanalytical Area, after centrifuge modules

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

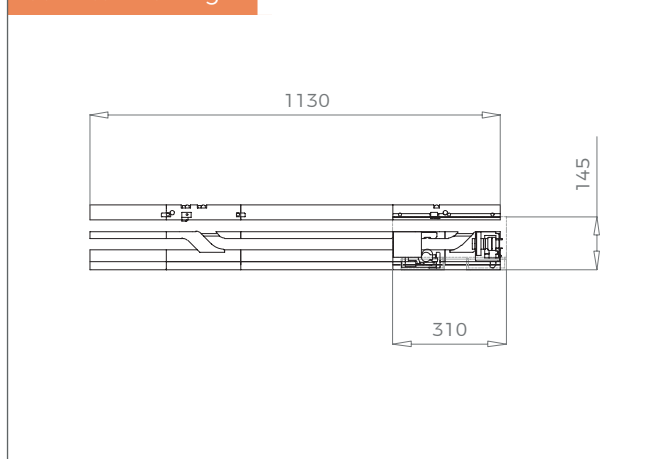
Other Features

- > SVD is equipped with a sample carrier Rotation Device to rotate the sample tube for serum volume identification
- > SVD has a Tunnel (of homogeneous color) over camera and Volume Detection Gate to prevent reflexes interference due to ambient light

Technical Specifications

Dimensions (LxHxD) (mm)	Included in the track
Main clearances (left x right x front) (mm)	/
Weight (Kg)	10
Compressed air (NL/min)	5.6 (Standard), 1.38 (HT)
Power inlet point	230 Vac; 24 Vdc

Technical Drawing



Module dimensions and clearances expressed in mm.

Maximum continuous current (A)	1.2
Maximum alternate current (A)	0.5
Real power consumption (W)	156.7
Heat (BTU/h)	391.1

Ordinary Maintenance

Operator ¹	/
Service ²	Every 90-180 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-055-01	FLX-055-11