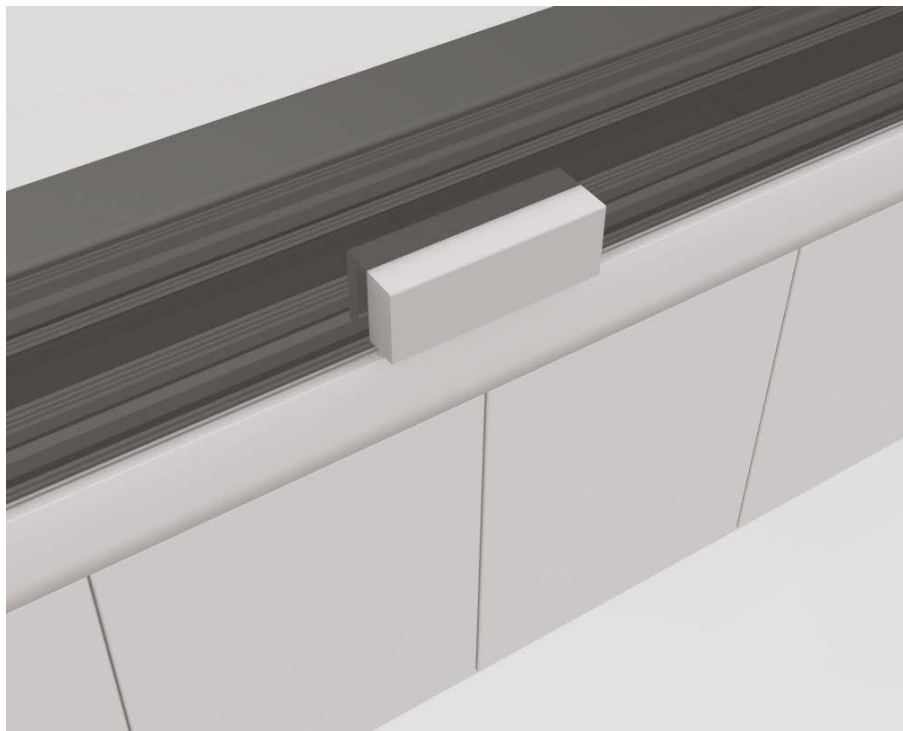


Sample Volume Detection Module (SVD)

Technical Data Sheet

The Sample Volume Detection Module allows to identify the tube type, detect the cap presence, and measure the serum/plasma volume, as well as the filling level of the sample tube. The detection of these parameters is performed in a tunnel that protects the sample from external environment interferences.

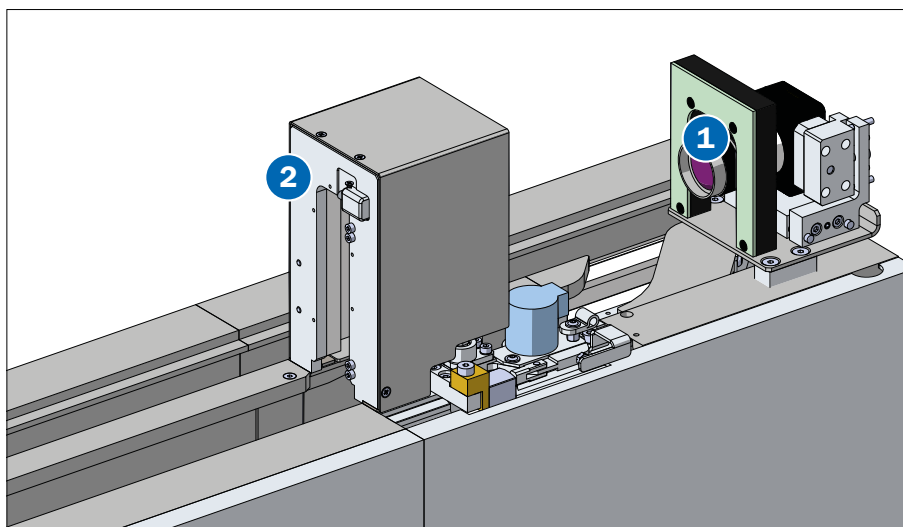


Benefits

- > Avoids unnecessary sample testing (low volumes, insufficient filling levels) and reduces time to results
- > Prevents wasting reagents and reduces cost

Applications

- > Early checking of Serum/Plasma volume before analysis
- > Early checking of Serum/Plasma volume before the sample is sent to Aliquoter module



- 1 Camera
- 2 Tunnel



Main Features

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

Other Features

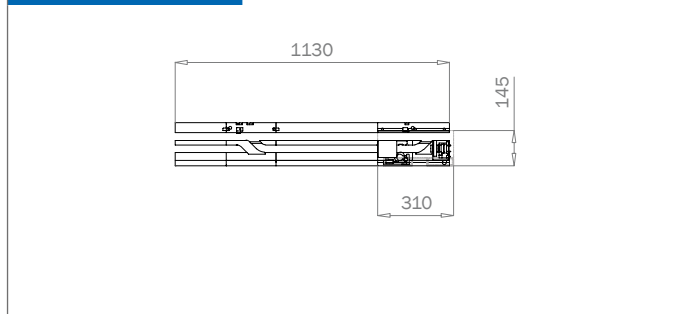
- > SVD is equipped with a sample carrier Rotation Device for serum volume measurements
- > SVD has a Tunnel (of homogeneous color) placed over camera and the Volume Detection Gate to prevent ambient light reflexes from distorting the measurements

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

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

Technical Drawing



Module dimensions and clearances expressed in mm.

Ordinary Maintenance

Operator ¹	/
Service ²	Every 90-180 days, according to operations

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

Part Numbers

	FlexLab Standard	FlexLab HT
Main module	FLX-055-01	FLX-055-11

INPECO SA

Via Torraccia 26
6883 Novazzano - Switzerland
www.inpeco.com

