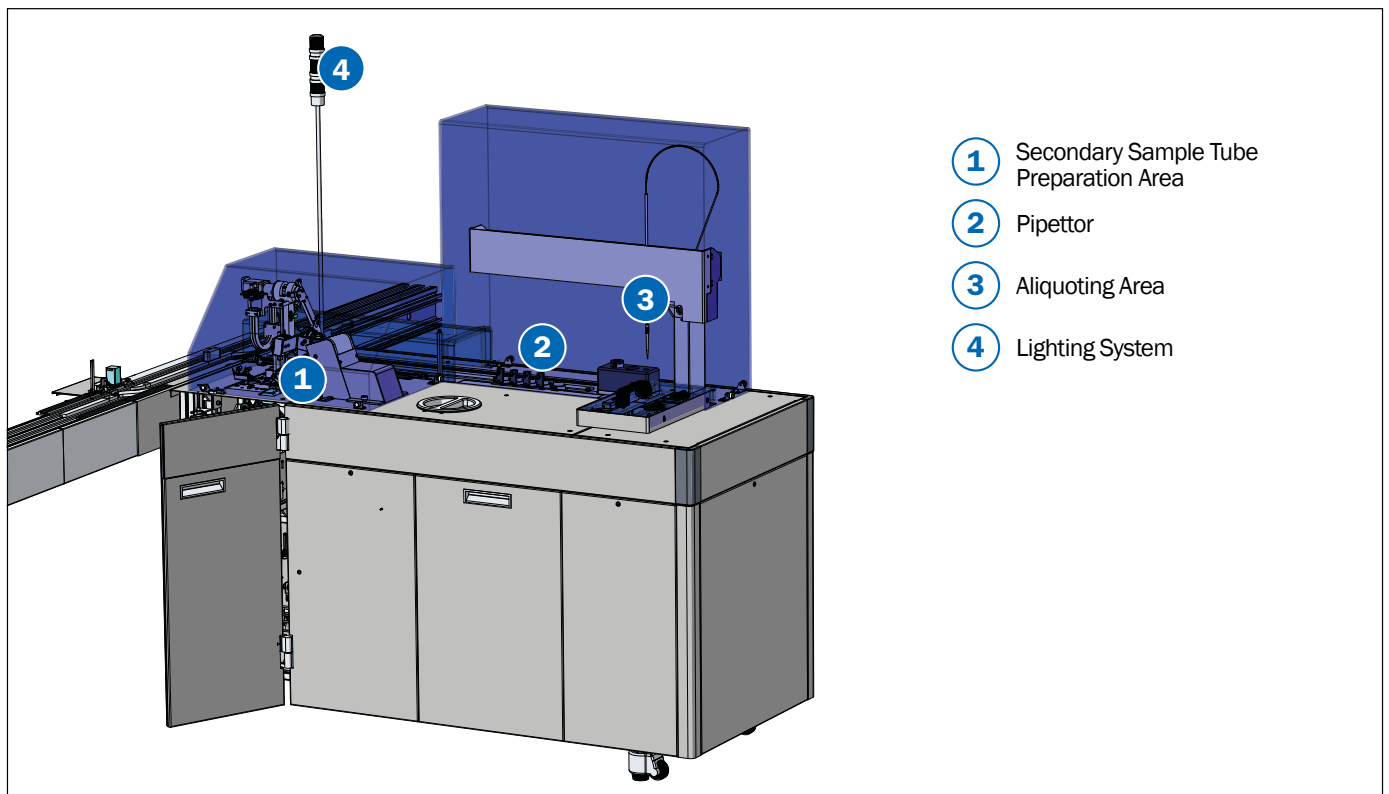


Aliquoter Module (ALQ)

Technical Data Sheet

The Aliquoter Module generates secondary sample tubes from the primary sample tube. The primary sample is aspirated and dispensed into the secondary sample tubes based on configurable volumes and parameters. If more than four secondary sample tubes need to be generated from the same primary sample, the primary sample tube is routed to the Aliquoter Module more than once until all secondary sample tubes are generated.



Benefits

- > Improved operator safety by avoiding manual aliquoting of the sample
- > Prevention of sample contamination thanks to disposable tips
- > Aliquots uniquely associated to primary tube thanks to automatic labelling of secondary tubes

Applications

- > ALQ before analyzers: aliquoting process has priority over analysis
- > ALQ after analyzers: analytical test has priority over aliquoting



Main Features

Throughput	500 tubes/h
Walk-away capacity	600 tubes (Container for Secondary Sample Tubes)
Tube specifications	
Sample type	Spun
Cap type	Uncapped
Dimensions (mm)	13x75, 13x100, 16x75, 16x100
Position along the automation	Depends on the designed function for the Automation

Other Features

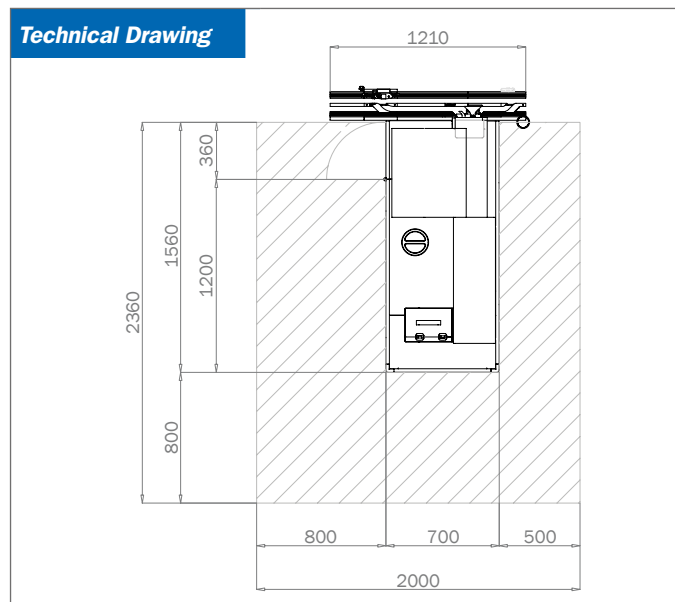
- > The ALQ can generate up to 4 secondary sample tubes at a time for one primary sample tube
- > The ALQ uses Sarstedt 13x75 mm with no false bottom and pressure cap as secondary tubes
- > Each secondary tube is aliquoted with up to 3000 µl of the primary sample tube
- > The ALQ can detect the liquid level and clots
- > A Thermal Printer applies customized Barcoded Labels on Secondary Sample Tubes
- > The ALQ has two different tanks for aspiration and waste purposes with a capacity of 5 liters each
- > The ALQ has a container for new tips (1000 units) and a removable Tip Waste Container for disposed tips (maximum of 2000 used units)
- > The ALQ includes a PC with dedicated software

Technical Specifications

Dimensions (LxHxD) (mm)	700x1890x1560
Main clearances (left x right x front) (mm)	800x500x800
Weight (Kg)	170
Compressed air (NL/min)	15.13
Power inlet point	230 Vac

Maximum continuous current (A)	/
Maximum alternate current (A)	2
Total power consumption (VA)	460
Heat (BTU/h)	1251.2

Technical Drawing



Module dimensions and clearances expressed in mm.

Ordinary Maintenance

Operator ¹	Daily, weekly, monthly
Service ²	Every 90-180 days, according to operations

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

Part Numbers

	FlexLab Standard	FlexLab HT
Module	N.A.	FLX-209-10
Slot	N.A.	FLX-509-10

N.A. = Not Available

INPECO SA

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



reference code: SSF-ALQ 20.01
version n°: EN01