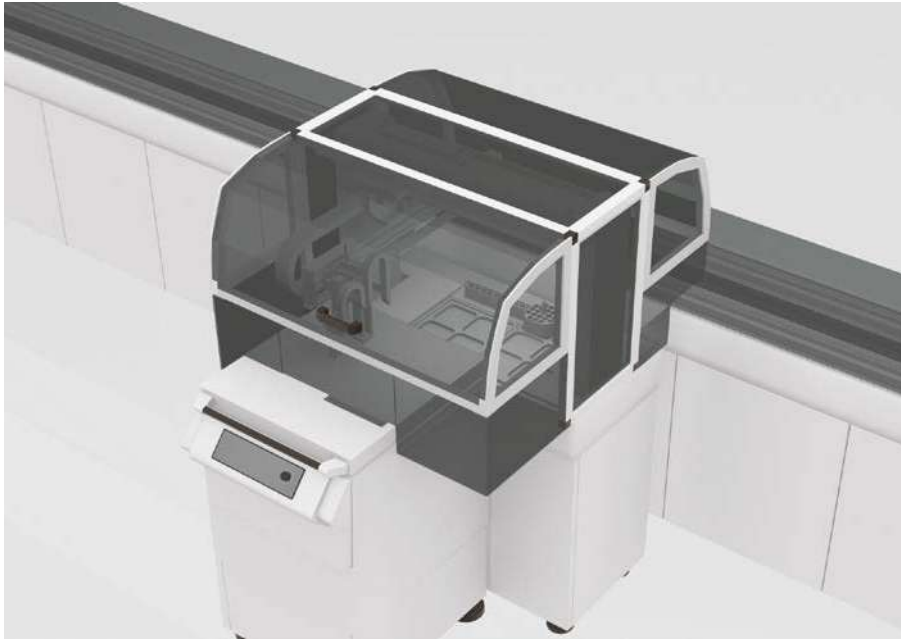


Centrifuge Module (CM)

Technical Data Sheet

The Centrifuge Module automates the process of separating blood cells from blood plasma. The Centrifuge Module includes loading and unloading areas and the Hettich refrigerated centrifuge. Operating parameters of the Centrifuge Module can easily be set by the User Interface to customize the centrifugation process according to specific laboratory guidelines.

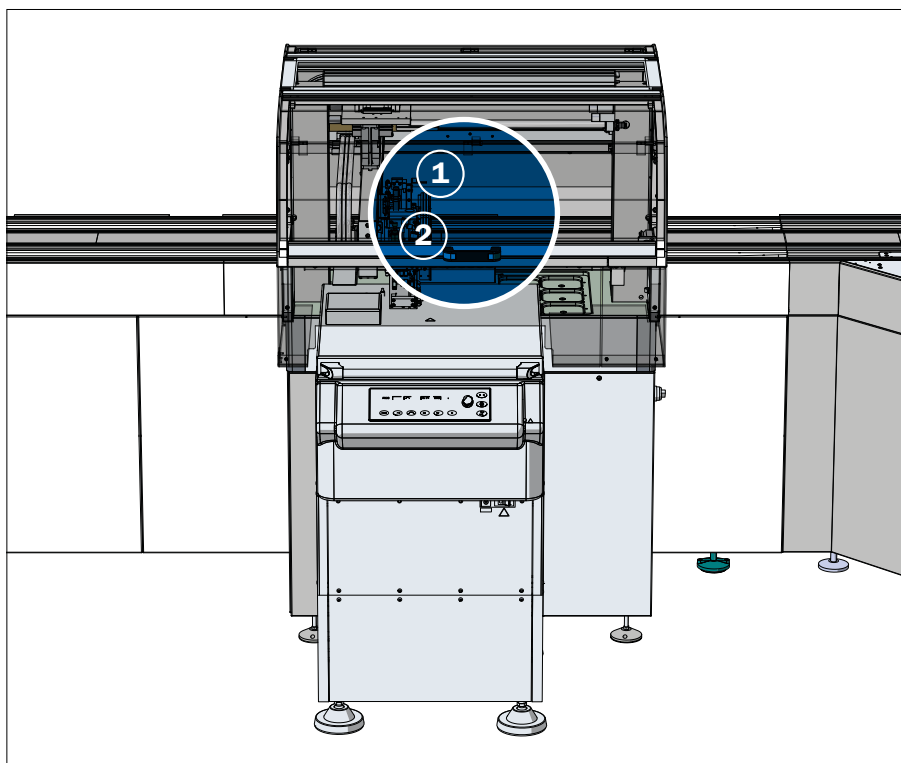


Benefits

- > Standardized process for the most sensitive samples (coagulation tubes re-centrifuged)
- > Automatic management of tubes balancing through weight check
- > Customized profile to each module (timeout for STAT and routine, temperature, duration and spin speed)
- > Prioritized unloading of STAT tubes

Applications

- > Necessary for all clinical blood analysis, excluding hematology



1 Bucket Inserts Loading in Output Position (left) and Unloading in Input Position (right)



2 Refrigerated Centrifuge Unit and Internal Rotor



Main Features

Throughput	300 tubes/h
Walk-away capacity	Always automatically loaded
Tube specifications	
Sample type	Unspun
Cap type	Capped
Dimensions (mm)	13x75, 13x100, 16x75, 16x100
Position along the automation	Pre-Analytical area

Other Features

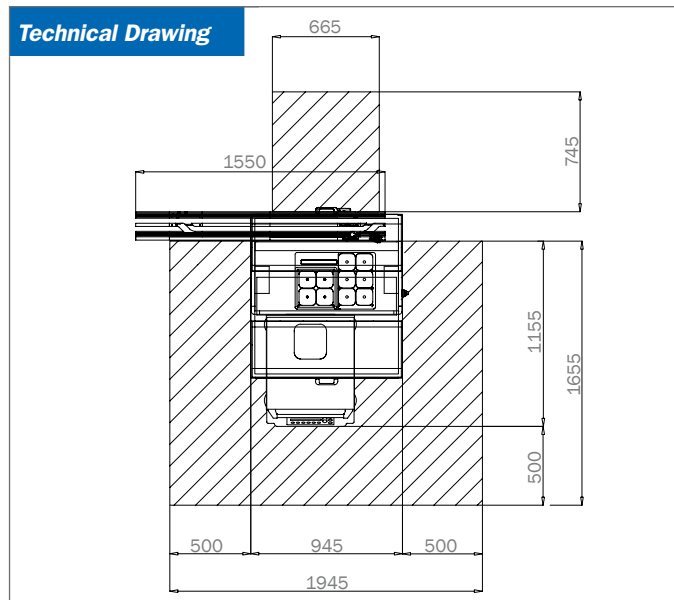
- > The CM provides a single, user-definable time, speed, and temperature profile
- > The CM controls the sample tube weight balancing into and within the bucket inserts using a Balance Scale in Input position
- > The CM rotor has 4 balancing buckets, accommodating up to 80 tubes in total (20 tubes for each bucket)
- > Configurable running speed from 1000 rpm up to 4500 rpm
- > The CM provides temperature control minimally in the range of 2 °C to 25 °C +/-2 °C and provide adjustment of increments of 1 °C
- > The CM provides the mean to use the centrifuge in stand alone mode in case of emergency

Technical Specifications

Dimensions (LxHxD) (mm)	945x1510x1155
Main clearances (left x right x front) (mm)	500x500x500
Weight (Kg)	385
Compressed air (NL/min)	4.59 (Standard), 3.76 (HT)
Power inlet point	230 Vac

Maximum continuous current (A)	/
Maximum alternate current (A)	2.6
Total power consumption (W)	598
Heat (BTU/h)	1626.6
Noise (dBA)	63-67 according to operator's position

Technical Drawing



Module dimensions and clearances expressed in mm.

Ordinary Maintenance

Operator ¹	Weekly, monthly
Service ²	Every 60-180 days, according to operations

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

Part Numbers

	FlexLab Standard	FlexLab HT
Module	FLX-202-05	FLX-202-14
Slot	FLX-502-02	FLX-502-11

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version n°: EN01