



CAL 8000 110

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
2690	1470	1030	840

CAL 8000 200

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
2480	1470	1030	750

CAL 8000 300

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
3370	1470	1030	1040

CAL 8000 400

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
4260	1470	1030	1330

CAL 8000 210

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
3580	1470	1030	1130

CAL 8000 310

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
4470	1470	1030	1420

CAL 8000 410

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
5360	1470	1030	1710

CAL 8000 420

Width(mm)	Height(mm)	Depth(mm)	Weight(kg)
6460	1470	1030	2090

CAL 8000 NEW

New Generation Cellular Analysis Line

Smarter workstation, simpler workflow



CAL 8000

New Generation Cellular Analysis Line



Re-exam: transport the samples that require blood smears, as per the pre-defined re-exam criteria

The re-exam criteria on CAL 8000 can be defined by many conditions, such as time, patient age, gender, department, etc. This helps minimize the number of blood smears.



Repeat: repeat the previous test (in case of some system errors)
Rerun: keep the previous test result, and rerun the sample in same test mode (for suspect results)



Reflex: add some test items such as "PLT-O" (in case of suspected results for the parameters)

The CAL 8000 can automatically distribute the samples with "Repeat", "Rerun" and "Reflex" criteria which are pre-defined by users.



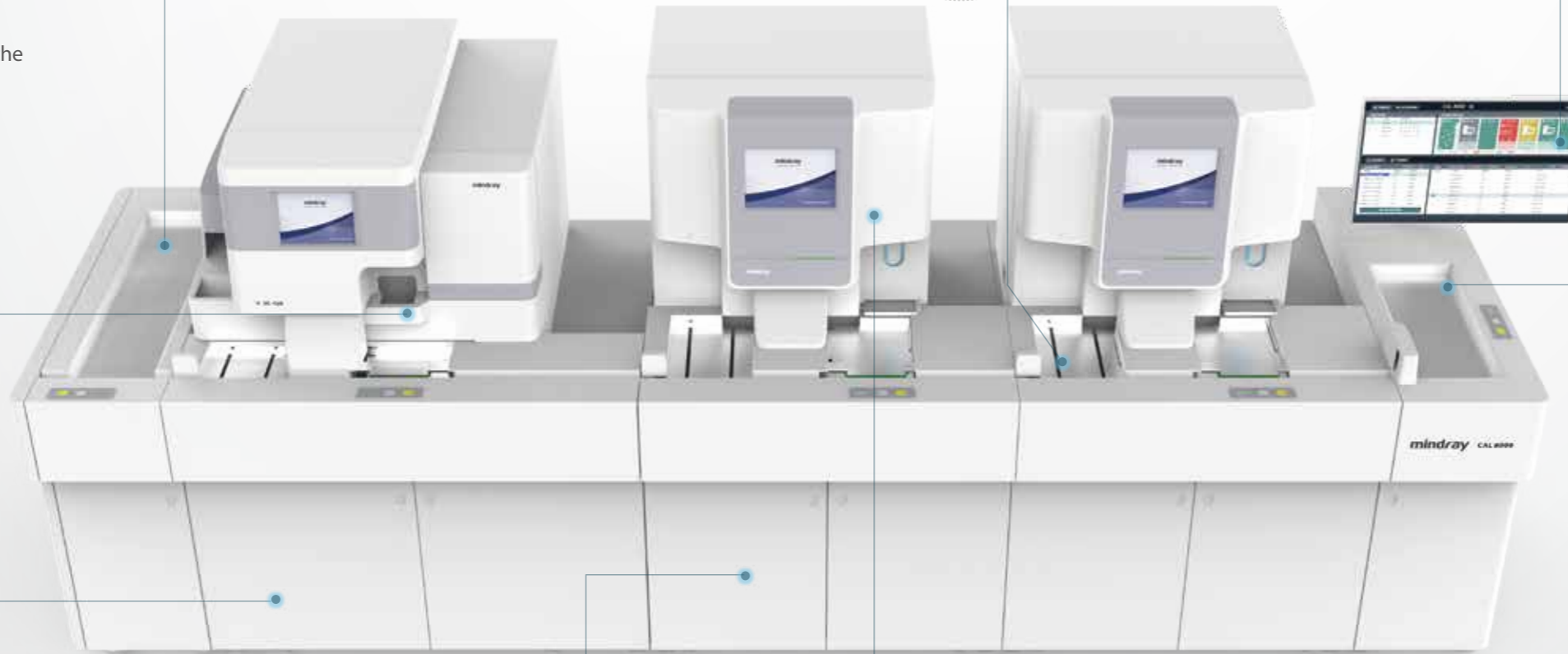
The touch screen is the "brain" of CAL 8000. It optimizes the distribution of workload between each BC-6800Plus unit and decides which sample requires a blood smear. It displays the status of each BC-6800Plus or SC-120 installed on CAL 8000 as well as the volume of balance reagent. This intuitive software can tell the users all necessary information of CAL 8000 at any given time. Consequently, the users will spend less time operating CAL 8000 and arrange their working schedule better.



The stock yard can hold up to 300 sample tubes at a time. From here the users can select the sample tubes which need further analysis.



Mindray provides original slides to ensure quality of blood smears and reliable performance of SC-120.



The start yard can hold up to 200 sample tubes at a time. The STAT position provides an option for a faster blood count. The whole CAL 8000 can be started by just pressing one button.



The special tube racks utilize different barcodes to differentiate specific usages, such as "QC", "Slide making & staining only" and "RET test only". The special tube racks can carry the tubes to perform these specific functions in the simplest way.



All reagents as well as the pneumatic unit can be set in the trolley below respective BC-6800Plus or SC-120. In this manner, the reagents and pneumatic unit are well organized permitting easy reagent replacement.

Mindray provides original stains as well as buffer fluid to ensure high quality of staining.



BC-6800Plus offers a throughput of up to 200 samples per hour, greatly improving the efficiency of CAL 8000. With the newly designed optics and reagent systems, the SF Cube technology can help doctors to better differentiate the clusters of cells, which is key to revealing more abnormal cells. To bring more clinical value to our customers, BC-6800Plus provides NRBC result in every CBC without extra reagents or cost. To improve the accuracy of abnormal platelet detection, the patented multiple sampling method (PLT 8X) is used to analyze samples with low PLT value.

Turn module

The turn module can turn the sample racks in another direction.



Stock yard

Start yard

The start yard and stock yard can be located at the same or different sides.

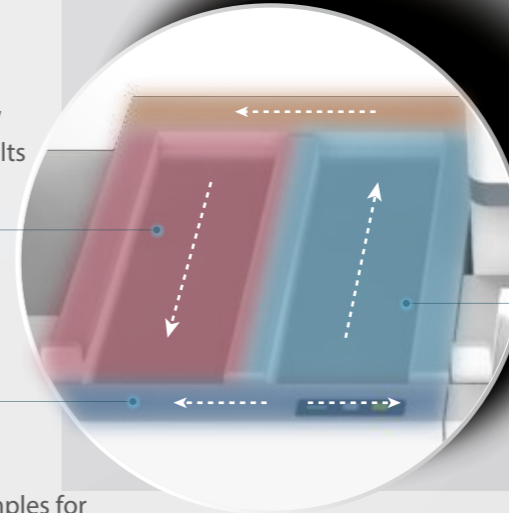
Buffer module

Step 2

Manual review of sample results by labXpert

Step 3

Delivering samples for slide making, rerun, reflex or to stock yard according to orders from labXpert



Step 1

Samples waiting in the buffer module



Additional stock yard

300 sample tubes

Additional start yard

580 sample tubes

Start yard

200 sample tubes



Additional stock yard

300 sample tubes

Stock yard

300 sample tubes



Extended track

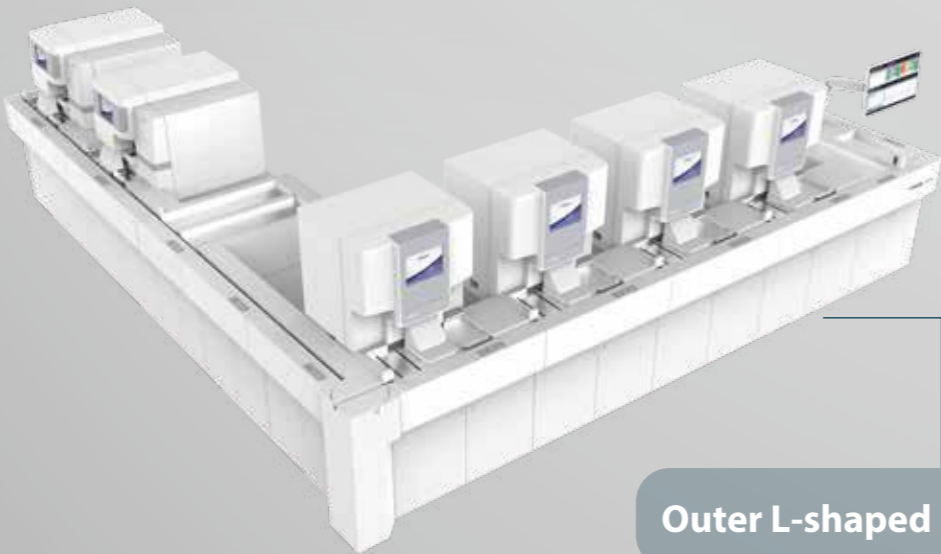
A complete cellular analysis solution:

More analyzers, including CRP analyzer can be integrated in to the CAL 8000

CRP-M100
100 CRP tests per hour



More flexible layouts with the CAL 8000 optional parts



Outer L-shaped layout

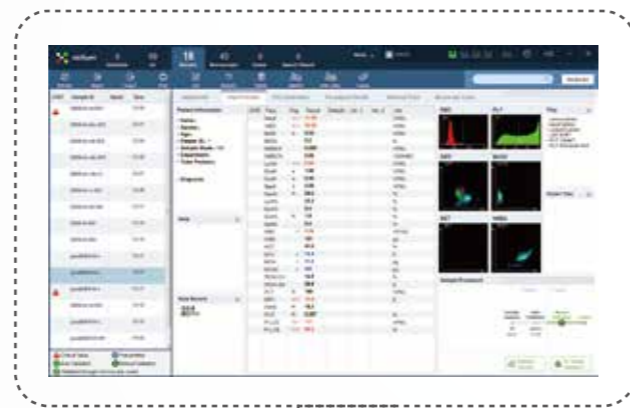


Inner L-shaped layout



The CAL 8000's onboard management software can help users organize their working hours better because it displays:

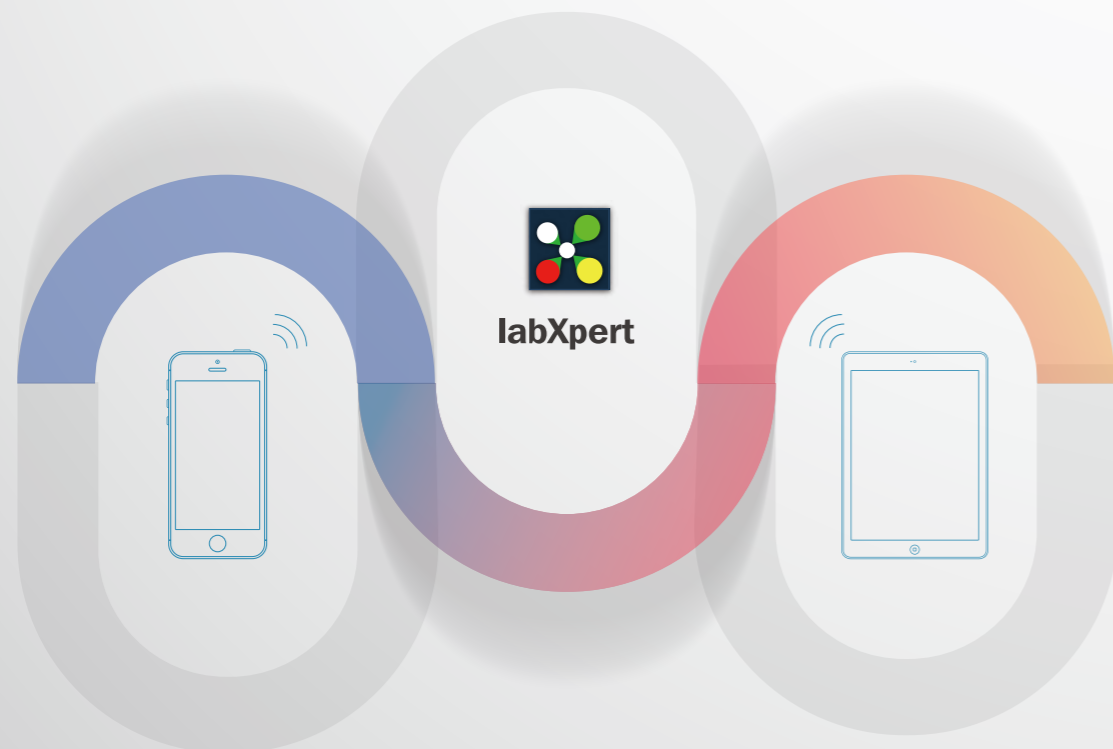
- The working status of each BC-6800Plus and SC-120
- The working status of the track
- The reagent monitoring including dead volume, number of tests left, expiration date, etc.



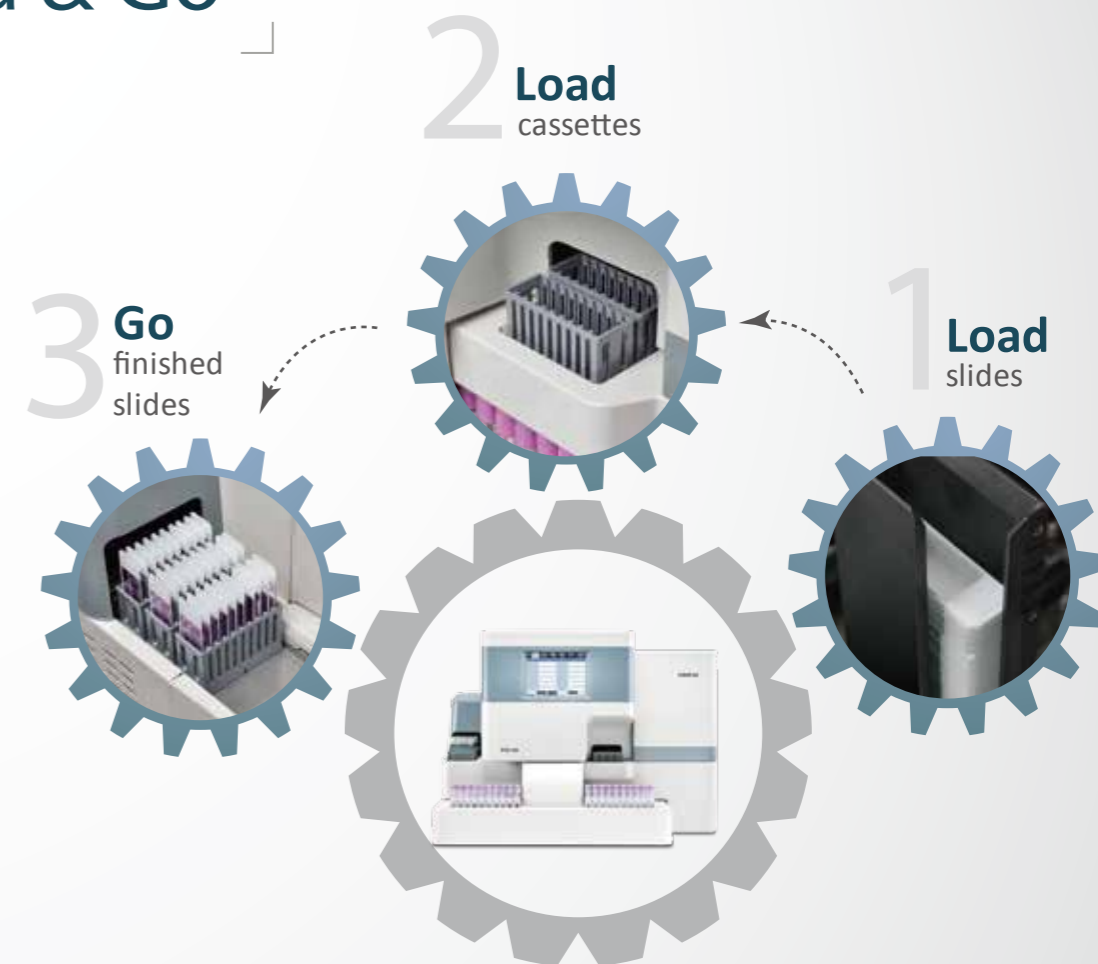
The labXpert software optimizes following functions to simplify your workflow for data analysis:

- Improved re-exam criteria function with multi-conditions setup
- Auto-validation for normal samples
- More intuitive interface to review and validate pathological samples

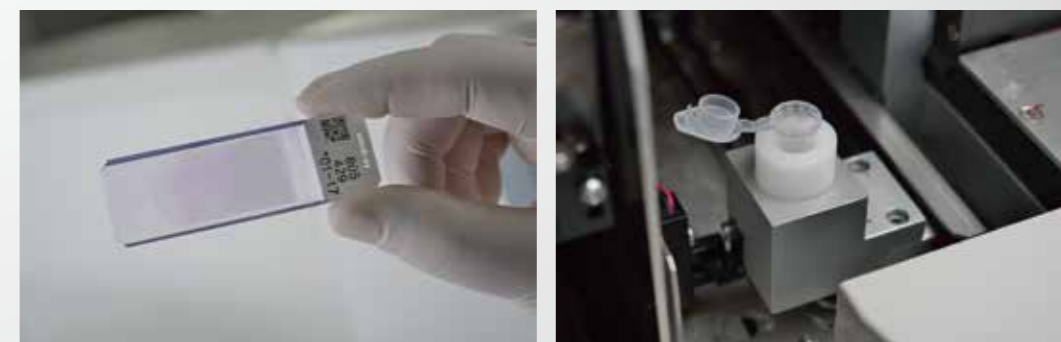
The data can be viewed via labXpert APP on iPad and iPhone



1, 2, 3 Load & Go



Just by following 3 simple steps of "load and go", operators of SC-120 Slide Maker & Stainer are able to obtain finished slides which are ready for microscopic review. Up to 150 blank slides and 10 cassettes holding 10 slides each can be loaded at a time.



The SC-120 can make smears from capillary samples as it requires only 40µL blood.