

CAL 6000

New Generation Cellular Analysis Line

Hematology automation within reach



BC- 6000 + BC- 6000 + SC-120



BC- 6200 + BC- 6200 + SC-120

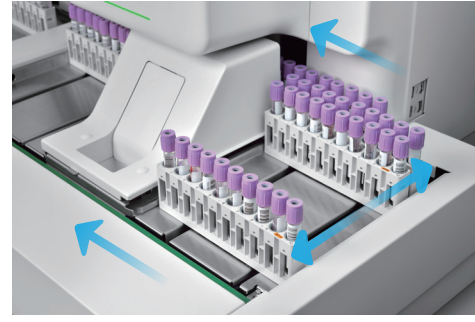


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New Generation Cellular Analysis Line



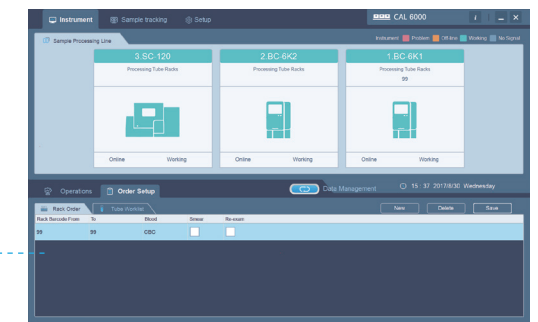
Mindray CAL 6000 defines a new generation of cellular analysis line. By combining two units of BC-6000 or BC-6200 auto hematology analyzers and one unit of SC-120, CAL 6000 offers a throughput of up to 220 tests per hour and 120 slides per hour.



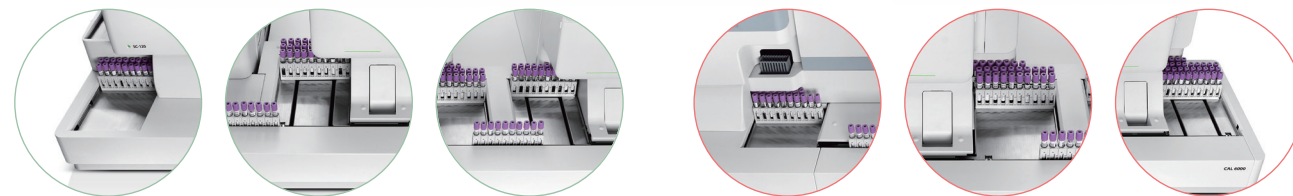
Should the sample results trigger the criteria, the autoloader of each hematology analyzer will return the sample racks for automatic rerun or reflex check.

The bidirectional loading track, with patent technology, on the first hematology analyzer enables fast sample distribution, improving efficiency and productivity.

The tube racks could be customized based on different colors to differentiate specific testing modes, such as "CBC", "CD" and "CR" test mode.



CMU
CMU optimizes the distribution of workload between each BC-6000/6200 unit and decides which sample requires a blood smear. It displays the status of each instrument on CAL 6000 as well as the volume of balance reagent.

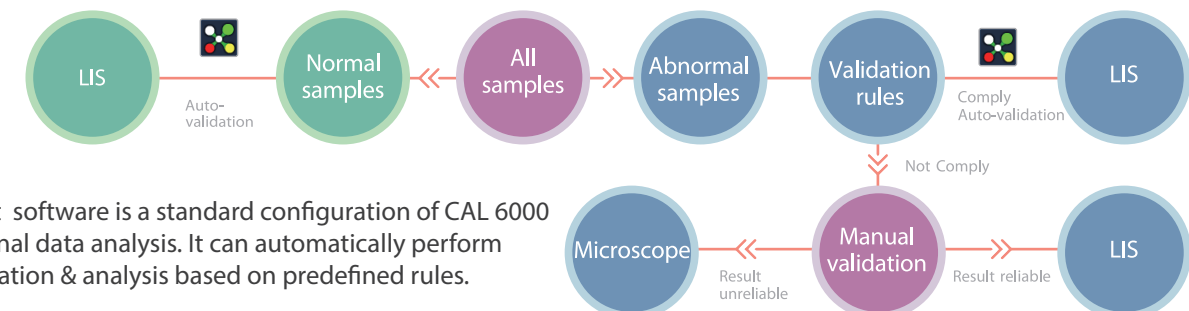


● ● ● **Unloading platform**

● ● ● **Loading platform**

The CAL 6000 is equipped with three loading platforms and three unloading platforms with large capacities.

labXpert



The labXpert software is a standard configuration of CAL 6000 for professional data analysis. It can automatically perform sample validation & analysis based on predefined rules.



STAT-Single sample



Step 1

press STAT button

Step2

STAT sample loading

Step3

start analyzing

STAT sample could load ahead that reduce the TAT of emergency. By utilizing the patent adapter, many types of tubes are allowed.



STAT-Batch samples

The batch samples could be loaded before any of the waiting racks.

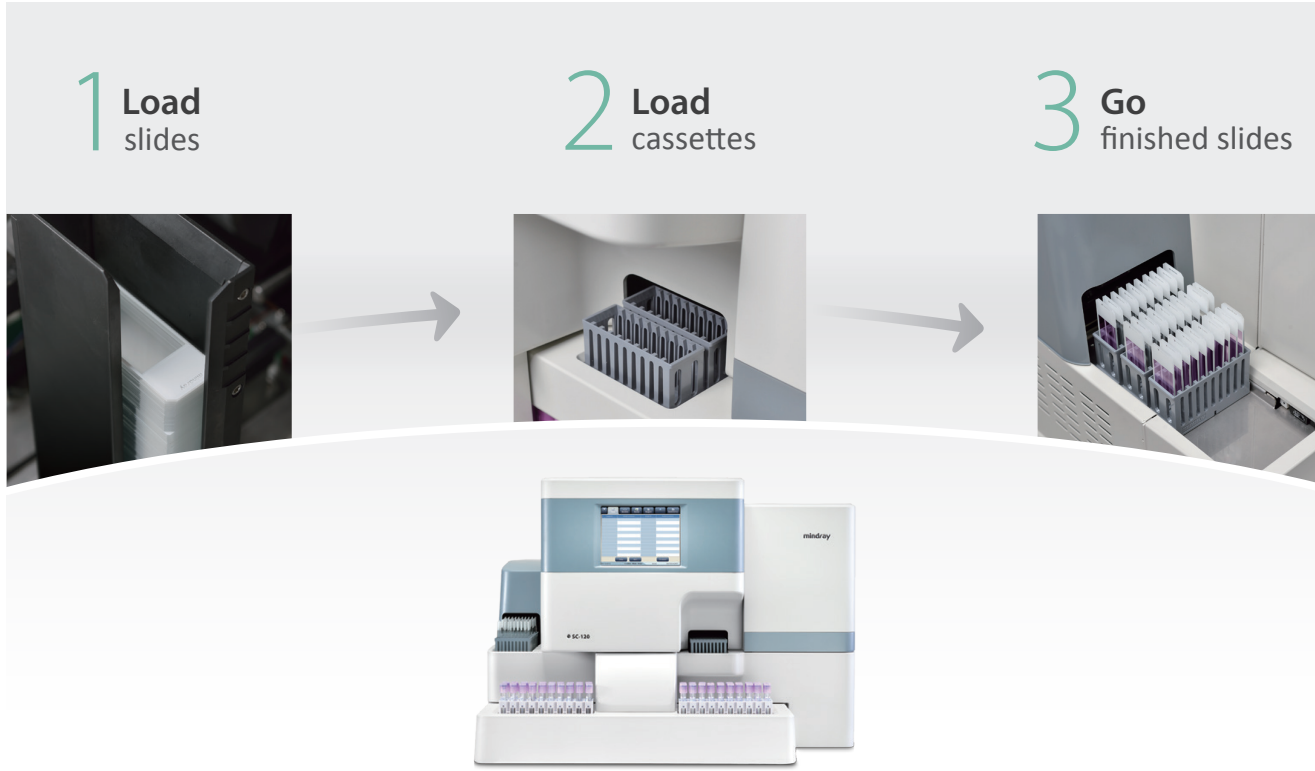
Load or unload samples freely

Users could load samples in any of the loading areas and pick up samples from any of uploading area anytime.



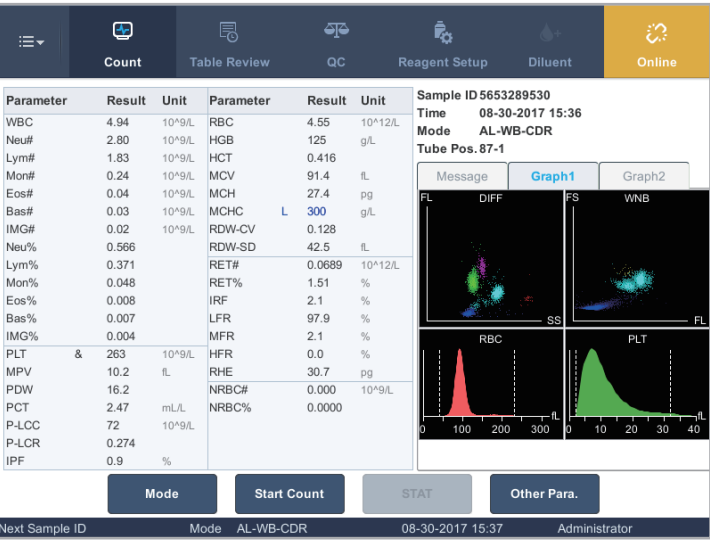
Simply by following 3 simple steps of “load and go”, users of the SC-120 can obtain finished slides which are ready for microscopic review.

1, 2, 3 Load & Go



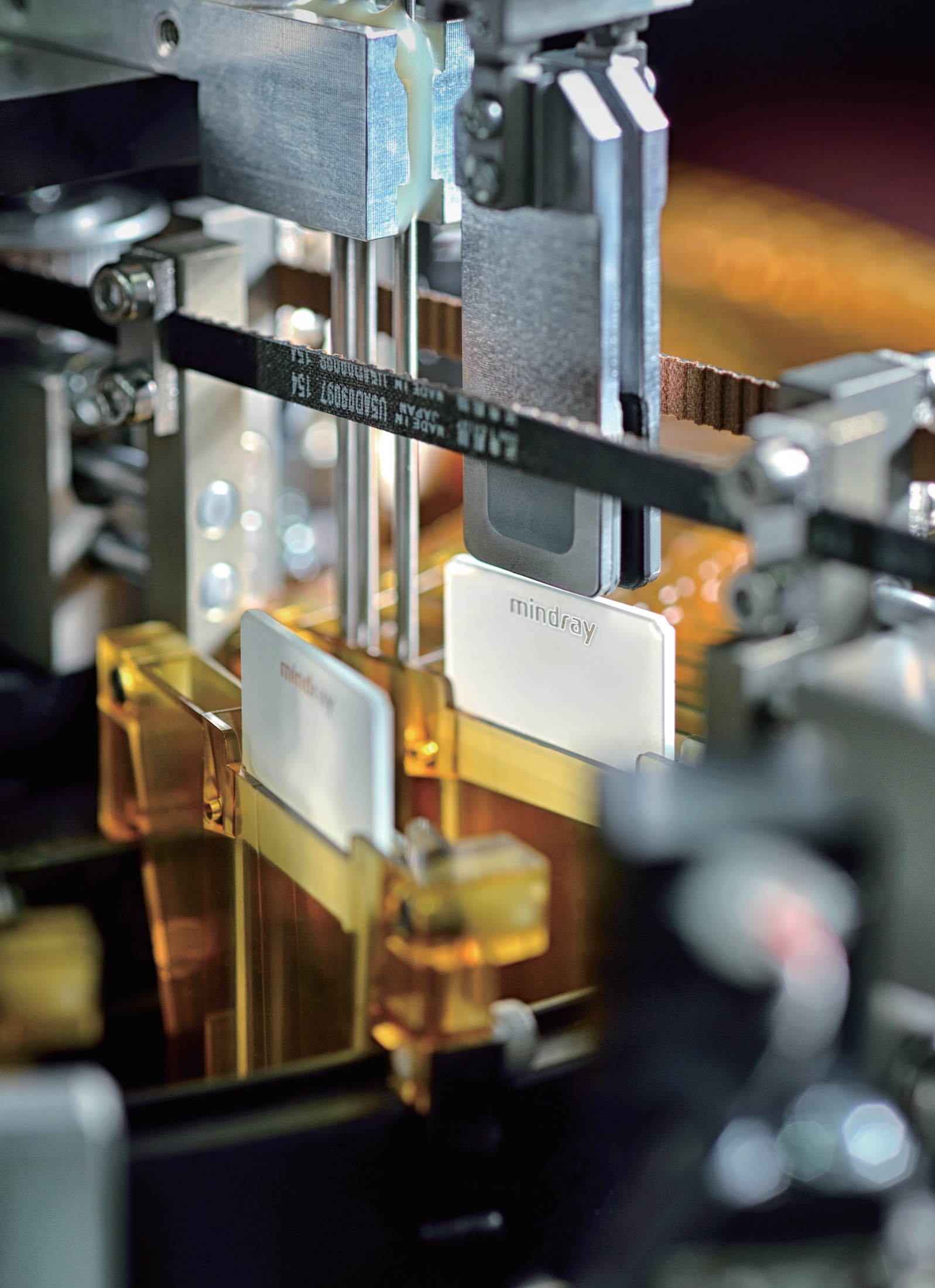
Availability of various tubes on autoloader mode

To cater to customer’s diversified needs, different types of blood collection tubes can be used on CAL 6000, including regular whole blood vacuum tube, capillary blood microtainer tube and Sarstedt tube.

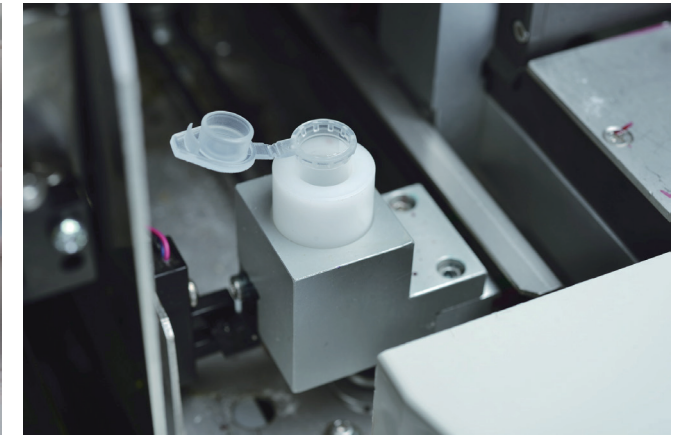


Switch Online & Offline

By switching from online to offline status, users can disconnect each hematology analyzer from the workstation and operate as a stand-alone unit when the workload is less demanding.



Up to 180 blank slides can be loaded at a time and 10 cassettes which can hold 10 slides each can be loaded at a time. The SC-120 can prepare and stain up to 120 slides in one hour. Requiring only 40 μ L blood, it can also make smears from capillary samples.



The SC-120 can also be used as a stand-alone unit by switching to "Offline" mode. Users can make slides by specific tube rack or manual operation.

