

Product Fact Sheet

# XR-9000 Tailored to your needs



XR-9000 with BT-50, TS-01, TA-01, SP-50 and DI-60

## Manufacturer information

Sysmex Corporation

## Summary

From a workload exceeding 500 samples per day an XR-9000 becomes the right choice for your lab, particularly if you need to perform a fair number of blood smears, too.

The fundamental components of an XR-9000 include at least two XR analysis modules, one SP-50 slide preparation unit, plus our work area manager, the HCLAB. Since customer situations and needs vary significantly, we offer the XR-9000 in different core configurations, all of which are modular and scalable to best suit individual needs. You can expand your configuration at any time.

The BT-50 stores XN Check in its integrated cooler unit and Cellclean Auto in its storage compartment, manages the automated transportation of quality control and cleaning materials to the individual modules according to flexibly set schedules, and initiates automated start-up and flexible automated shutdowns. All of this contributes greatly to reducing manual tasks and providing peace of mind.

The tube sorter/ archiver TS-10 and TS-01 or TA-01 are your sample manager offering optional pre-sorting, sorting and storage, and allow the integration of ESR and/or HbA1c\* analyser modules dedicated to these particular analyses subsequent to blood counting and smear workflow.

The modular design of the XR-Series and its components allows you to upscale, for instance, sample throughput, meeting required turnaround times with maximum walk-away time, even during peak hours.

*\* Only in selected market. For inquiries, please consult your local Sysmex representatives.*

The fully integrated slide preparation unit SP-50 produces consistent, high-quality stained blood films for excellent cell morphology analysis and results.

The space-saving twin conveyors that can accommodate two XR-Series analysis modules close to each other. The closer line-up of analytical devices allows reducing the footprint while maintaining effectively.

## Workflow automation

- Complete automation for high workload screening with process-optimised analysis capacity and reflex testing.
- Increased throughput per footprint compared to the existing transportation modules.
- Decreased TAT even for larger workloads.
- Discrete rack management by rack and tube registration and full traceability of each individual tube.
- Extendable EDTA workflow management with the integration of automated ESR and/or HbA1c\* analysis.
- Connectable to all major TLA systems.
- If you do not have enough space for a linear setup, alternative designs can be installed to suit your needs: Inner-L, Outer-L, Inner-U, Outer-U and Z.

*\* Only in selected market. For inquiries, please consult your local Sysmex representatives.*

## Diagnostic support

- You can choose between various configurations of the haematology analysis modules XR-10 and XR-20 with their XR added values.

## Available configurations for XR-9000<sup>Δ</sup>

Configuration	Width [mm]	XR-10	XR-20	SP-50
XR-9000	3,480	3	0	1
XR-9000	3,480	2	1	1

<sup>Δ</sup> The above figures are indicative as a starting point. Please consult SAP's solution team center for more details on the XR-9000 BOM configurations.

## Main components of XR-9000\*

Item code	Description	Qty
XR-10	XR-10 analysis module	3
SP-50	SP-50 slide maker/stainer	1
DI-60/CF-70	Automated digital imaging analyser incl. connection feeder	optional
ST-40	Start yard / Stockyard	1
ST-41	Feeder	1
BT-50	Barcode terminal	1
BT-40	Barcode terminal	optional
CV-50	Conveyor for XR	1
CV-55	Conveyor for XR twin	1
CV-65	Conveyor for SP-50	1
CV-70	Conveyor for DI-60	optional
WG-40	Wagon for ST-40, ST-41,	1

WG-50	Wagon for CV-50	1
WG-55	Wagon for CV-55	1
WG-65	Wagon for CV-65	1
WG-70	Wagon for CV-70	optional
WG-80	Wagon for DI-60/CF-70	optional
TS-10	Tube sorter	optional
TU-40	Turn unit	optional
CT-90	XR-9000 control terminal	1
IPU	Information processing unit	2
PU-17	Pneumatic unit	3**

\* XR-9000 analytical units can be a combination of XR-10 and XR-20

\*\* Depends on configuration

## Product specifications

Feature	Description
<b>Description</b>	<ul style="list-style-type: none"> <li>Complete automation for high workload screening with process-optimised analyser capacity and reflex testing, combining the productivity and clinical values for best fit and execution.</li> </ul>
<b>Diagnostic parameters</b>	<ul style="list-style-type: none"> <li>Whole blood: more than 50 depending on the configuration.</li> <li>Body fluid: 7</li> </ul>
<b>Discrete mode profiles</b> <ul style="list-style-type: none"> <li>XR-10, XR-20</li> </ul>	<ul style="list-style-type: none"> <li>Please refer to 'PFS XR-10' and 'PFS XR-20'</li> </ul>
<b>Throughput (example)</b> <ul style="list-style-type: none"> <li>5 XR-10</li> <li>SP-50</li> <li>TS-10</li> </ul>	<ul style="list-style-type: none"> <li>Up to 550 samples/hour</li> <li>Up to 75 slides/hour*</li> <li>Up to 1,000 samples/hour</li> </ul>
<b>Supported stains</b>	<ul style="list-style-type: none"> <li>Double stain (MGG, Wright-Giemsa), single stain (Wright)</li> </ul>
<b>Data storage</b> <ul style="list-style-type: none"> <li>Samples (incl. graphics)</li> </ul>	<ul style="list-style-type: none"> <li>100,000 results (including histograms and scattergrams)</li> </ul>
<b>Protection type</b>	<ul style="list-style-type: none"> <li>Class I (IEC60825-1)</li> <li>Class I device (IEC61010-1)</li> </ul>

\* With speed-up license.

## Technical specifications

Feature	Description
<b>Interface</b>	<ul style="list-style-type: none"> <li>LP, DP, GP, Host computer via LAN</li> </ul>
<b>Operating temperature</b>	<ul style="list-style-type: none"> <li>15 to 30 °C</li> </ul>
<b>Operating humidity</b>	<ul style="list-style-type: none"> <li>20 to 85 %</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>AC 100 to 240 V (50/60 Hz)</li> </ul>
<b>Power consumption</b> <ul style="list-style-type: none"> <li>XR-9000</li> </ul>	<ul style="list-style-type: none"> <li>Approx. 7,040 VA or less</li> </ul>
<b>Acoustic noise level*</b> <ul style="list-style-type: none"> <li>XR-9000</li> </ul>	<ul style="list-style-type: none"> <li>72 dBA or less</li> </ul>

\* Excludes sounds during rinse cup discharge, shifting/discharge of sample racks, clamping/release of sample tubes, and alarm sounds.

**Disclaimer:** This product fact sheet does not contain the complete information of the product as described in the 'Instructions for Use', and neither is it intended to replace the 'Instruction for Use'. The required information in the 'Instruction for Use' must be observed at all times.

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