

Product Fact Sheet

BT-50



Manufacturer information

Sysmex Corporation

Summary

The BT-50 barcode terminal contributes to a worry free, walk away and standardised laboratory workflow, by automating a range of tasks that until now had to be performed manually by the laboratory staff. In addition to the barcode reading function inherited from its predecessor BT-40, the BT-50 stores the XN Check in its integrated cooler unit and the Cellclean Auto vials in its storage compartment and manages the automated transportation of vials containing XN Check and Cellclean Auto to the individual analyser modules. BT-50 offers highly flexible schedule settings for cleaning and XN Check measurements to ease the mind of the operator. The BT-50 is a truly innovative module in the haematology field with an automated XN Check management functionality and automated start-up and shutdown possibilities, all of which contributes greatly to reducing manual operations.

Workflow automation

- A walk-away concept in haematology with the innovative automated start-up and XN Check management function to minimize the manual tasks which previously had to be performed by the laboratory staff.
- Flexible automated shutdown of either the whole automation line or individual, selected modules to save resources.
- On-board management of XN Check and Cellclean Auto vials including waste management of empty vials.
- Automated cleaning of the analysers based on measurements as well as scheduled cleaning ensures their consistent performance and eases the mind of the operator who has less manual work to take care of.
- The BT-50 is easily operated via its integrated touchscreen, managing scheduled start-up, automated XN Check measurements and the cleaning of Sysmex analysers.

Ordering information

Item code	Item	Description
AN735871	BT-50 COMPLETE	Barcode Terminal including Start Yard for XR and XN Series. Stores up to 9 vials of XN Check, 40 vials of Cellclean Auto

For more details, please contact a Sysmex Representative in your country.

Product specifications

Feature	Description
Throughput	<ul style="list-style-type: none"> • 1000 test /h (100 racks /h)
Refrigerator <ul style="list-style-type: none"> • XN Check storage • Temperature 	<ul style="list-style-type: none"> • 9 vials (regardless of the level) • 2 – 8°C
Incubator <ul style="list-style-type: none"> • Temperature • Incubating time 	<ul style="list-style-type: none"> • 23°C * • 15 minutes
Cellclean Auto storage	<ul style="list-style-type: none"> • 40 vials
Waste bin capacity	<ul style="list-style-type: none"> • 200 vials
Start yard capacity	<ul style="list-style-type: none"> • 15 racks (150 samples)

* if the room temperature is above 23°C, XN Check will not be incubated

Technical specifications

Feature	Description
Interface	<ul style="list-style-type: none"> • Host computer via LAN
Operating Temperature	<ul style="list-style-type: none"> • 15 to 30 °C
Operating Humidity	<ul style="list-style-type: none"> • 20 to 85 %
Power requirement	<ul style="list-style-type: none"> • AC 100 to 117 V (50 / 60 Hz) or • AC 220 to 240 V (50 / 60 Hz)
Power consumption	<ul style="list-style-type: none"> • Approx. 450 VA
Acoustic noise level	<ul style="list-style-type: none"> • 60 dBA or less
Dimension	<ul style="list-style-type: none"> • 650 x 1150 x 1545 mm (W x D x H)
Weight	<ul style="list-style-type: none"> • Approx. 230 kg

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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