

6.4.7.18 Data Error

Description: Data that Sampler Analysis should be interrupted occurs.

Purpose: To interrupt Sampler Analysis when data that Sampler Analysis should be interrupted occurs.

Method: System compares analysis data with Sampler Stop Limit.
If the analysis data exceeds Sampler Stop Limit, the error is generated.

Error Type: B

6.4.8 Laser Relating Errors

6.4.8.1 Laser Tube Aged

Description: Electric current to drive laser tube is increasing, and the malfunction of laser tube is expected.

Purpose: To predict the laser tube life time and let the operator to contact Sysmex Service Representative to replace the laser.

Method: If the electrical current value exceeds the following value.
Electrical current value > 80 mA System monitors at the timing described in the timing chart.

Error Type: E

Action Message: Execute Test-Status-Sensor1 menu. If the error persists, contact your Sysmex Service Representative. 52

Help [OK]: The error is recovered.

6.4.8.2 Laser Power Error

Description: The laser power exceeds the controlled range.

Purpose: To ensure the laser power stability.

Method: Error is checked with following condition.
If the laser power monitoring signal of LD driver turns ON for 0.5 second continuously during laser operation.

Error Type: A

Action Message: Contact your Sysmex Service Representative. 52

Help [OK]: None.

6.4.8.3 Close FCM Detect Cover

Description: FCM detector cover is open.

Purpose: To ensure the data by cutting off the light from outside or to prevent from leakage of the laser light.

Method: Verify the limit switch for monitoring FCM detector cover is ON.
System monitors at a constant timing (every 1 second). System generates an error when detect error information for more than 3.0 seconds continuously.

Error Type: D

Action Message: Close FCM Detector Cover. If this error persists after cover is closed, there is probably something defective in the system. Contact your Sysmex Service Representative. 52

Help [OK]: None.

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