iQ200 Series Addendum

iQ200 paired with the AX-4030 Analyzer

IVD

PN C33327AD
July 2023

Manufactured by
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iQ200 Series Addendum

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Find us on the World Wide Web at:
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Symbols Glossary is available at **www.beckmancoulter.com/techdocs**. See Related Documents for the part number.

Rx Only in the U.S.A.

Original Instructions

Revision History

This document applies to the latest software listed and higher versions. When a subsequent software version affects the information in this document, a new issue will be released to the Beckman Coulter Web site. For labeling updates, go to www.beckmancoulter.com and download the latest version of the manual or system help for your instrument.

Issue AA, August 2018
Software version 7.0.5

Issue AB, December 2018
Software version 7.0.5

The following sections were modified:

- Symbols Glossary information added on Copyright and Related Documents pages.
- iQ®200 Select was removed from Table 1 Configurations.

Issue AC, June 2020
Software version 7.1.4

Note: Changes that are part of the most recent revision are indicated by a change bar in the left margin of the page.

The following sections were modified:

- Patent statement added to Copyright page.
- Urine Chemistry Controls in New Information
- "Chemistry QC Consumables" section title changed to Chemistry QC Consumables Configuration
- Chemistry QC Consumables Configuration in New Information
- New section Position 10 of the AX-4030 Control Rack in New Information
- Sample Tube Types in New Information
- Host Transmission Manual added in Related Documents

Issue AD, July 2023
Software version 7.1.4

Note: Changes that are part of the most recent revision are indicated by a change bar in the left margin of the page.

The following sections were modified:

- Added new section Troubleshooting - Using the iChemBOOST Box in New Information

Safety Notice

Read all product manuals and consult with Beckman Coulter-trained personnel before attempting to operate instrument. Do not attempt to perform any procedure before carefully reading all instructions. Always follow product labeling and manufacturer's recommendations. If in doubt as to how to proceed in any situation, contact your Beckman Coulter Representative.

Beckman Coulter, Inc. urges its customers to comply with all national health and safety standards such as the use of barrier protection. This may include, but is not limited to, protective eyewear, gloves, and suitable laboratory attire when operating or maintaining this or any other automated laboratory analyzer.

Alerts for Warning, Caution, Important, and Note

Throughout this manual, you will see the appearance of these alerts for Warning and Caution conditions:

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury. May be used to indicate the possibility of erroneous data that could result in an incorrect diagnosis.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. May be used to indicate the possibility of erroneous data that could result in an incorrect diagnosis.

IMPORTANT IMPORTANT is used for comments that add value to the step or procedure being performed. Following the advice in the Important adds benefit to the performance of a piece of equipment or to a process.

NOTE NOTE is used to call attention to notable information that should be followed during installation, use, or servicing of this equipment.

Safety Precautions

⚠ WARNING

Risk of operator injury and/or biohazardous contamination if:

- **All doors, covers and panels are not closed and secured in place prior to and during instrument operation.**
- **The integrity of safety interlocks and sensors is compromised.**
- **Instrument alarms and error messages are not acknowledged and acted upon.**
- **You contact moving parts.**
- **You mishandle broken parts.**
- **Doors, covers and panels are not opened, closed, removed and/or replaced with care.**
- **Improper tools are used for troubleshooting.**

To avoid injury:

- **Keep doors, covers and panels closed and secured in place while the instrument is in use.**
- **Take full advantage of the safety features of the instrument.**
- **Acknowledge and act upon instrument alarms and error messages.**
- **Keep away from moving parts.**
- **Report any broken parts to your Beckman Coulter Representative.**
- **Open/remove and close/replace doors, covers and panels with care.**
- **Use the proper tools when troubleshooting.**

⚠ CAUTION

System integrity could be compromised and operational failures could occur if:

- **This equipment is used in a manner other than specified. Operate the instrument as instructed in the product manuals.**
- **You introduce software that is not authorized by Beckman Coulter into your computer. Only operate your system's software with software authorized by Beckman Coulter.**
- **You install software that is not an original copyrighted version. Only use software that is an original copyrighted version to prevent virus contamination.**
- **You do not scan removable media (USB flash drive) before connecting it to a computer. Always scan removable media.**

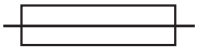
⚠ CAUTION

If you purchased this product from anyone other than Beckman Coulter or an authorized Beckman Coulter distributor, and, it is not presently under a Beckman Coulter service maintenance agreement, Beckman Coulter cannot guarantee that the product is fitted with the most current mandatory engineering revisions or that you will receive the most current information bulletins concerning the

product. If you purchased this product from a third party and would like further information concerning this topic, call your Beckman Coulter Representative.

Symbols

The following is a list of symbols used on the product labeling consumables and the instrument with their meaning.

Symbol	Meaning
	Fuse Identifies a fuse box location and rating. *IEC 60417: Graphical symbols for use on equipment - Overview and application, #5016*
 BIOHAZARD	Use universal precautions when working with pathogenic materials. Means must be available to decontaminate the instrument and to dispose of biohazardous waste.
	Caution ISO 7000; 0434A To indicate that caution is necessary when operating the device or control close to where the symbol is placed, or to indicate that the current situation needs operator awareness or operator action in order to avoid undesireable consequences.
	Caution ISO 7010:W001 To signify a general warning.
	Disposal of Electrical Instrumentation It is very important that customer understand and follow all laws regarding the safe and proper disposal of electrical instrumentation. The symbol of a crossed-out wheeled bin on the product is required in accordance with the Waste Electrical and Electronic Equipment (WEEE) Directive of the European Union. The presence of this marking on the product indicates: 1. that the device was put on the European Market after August 13, 2005 and 2. that the device is not to be disposed via the municipal waste collection system of any member state of the European Union. For products under the requirement of WEEE directive, please contact your dealer or local Beckman Coulter office for the proper decontamination information and take back program which will facilitate the proper collection, treatment, recovery, recycling, and safe disposal of device.

Symbol	Meaning
	RoHS Notice These labels and materials declaration table (the Table of Hazardous Substance's Name and Concentration) are to meet People's Republic of China Electronic Industry Standard SJ/T11364-2006 "Marking for Control of Pollution Caused by Electronic Information Products" requirements.
	China RoHS Caution Label This label indicates that the electronic information product contains certain toxic or hazardous substances. The center number is the Environmentally Friendly Use Period (EFUP) date, and indicates the number of calendar years the product can be in operation. Upon the expiration of the EFUP, the product must be immediately recycled. The circling arrows indicate the product is recyclable. The date code on the label or product indicates the date of manufacture.

Contents

Introduction

Overview

This document contains new or modified procedures and information for the iQ200 Series Automated Urine Microscopy System analyzer when paired with the Arkray AX-4030 Chemistry Analyzer.

NOTE Screens and hardware depicted in this manual may differ slightly from the screens and hardware in your system.

Conventions

This manual uses the following conventions:

- **Bold** font indicates buttons on the System Manager screens,
- *Italics* font indicates screen text displayed by the System Manager.
- The term *Select* is used to indicate either one or both of the following actions:
  - to tap or touch with your finger
  - to click with a mouse

IMPORTANT IMPORTANT is used for comments that add value to the step or procedure being performed. Following the advice in the IMPORTANT adds benefit to the performance of a piece of equipment or to a process.

NOTE NOTE is used to call attention to notable information that should be followed during use or maintenance of this equipment.

New Information

Updates

This addendum has been prepared for the iQ200 Series Automated Urine Microscopy System analyzer when paired with the Arkray AX-4030 Chemistry Analyzer and is applicable for U.S.A. only.

This document provides you with the latest information about sections of the iQ200 Series Instructions for Use that are relevant for operators who have paired the iQ200 with the AX-4030.

Please review the entire contents of this document carefully.

System Overview

The intended use is specified in the first paragraph of the iQ200 Series Instructions for Use (see below). The remainder of the section is associated with possible chemistry analyzers that can be interfaced with the iQ200 series.

The iQ®200 System is an in-vitro diagnostic device used to automate the complete urinalysis profile, including urine test strip chemistry panel, and microscopic sediment analysis. Optionally, the iQ200 analyzer can be used as a stand-alone unit, or the results from the iQ200 analyzer can be combined with other urine chemistry results received from an LIS. It produces quantitative or qualitative counts of all formed sediment elements present in urine, including cells, casts, crystals, and organisms. A competent human operator can set criteria for auto-reporting and flagging specimens for review. All instrument analyte image decisions may be reviewed and overridden by a trained technologist.

Additional urine chemistry analyzer information is included in the section directly below the Intended Use paragraph for the iQ200 Series Instructions for Use and is presented below with the AX-4030 included for U.S.A. operators.

- Three urine chemistry systems (a fourth in the U.S.A. only) can be connected physically and electronically to an iQ200 Series analyzer.
- These urine chemistry systems include the semi-automated Iris iChem100, AUTION MAX™ AX-4280 Automated Urine Chemistry Analyzer, the Aution MAX™ AX-4030 Automated Urine Chemistry Analyzer and the Iris iChem®VELOCITY™ Automated Urine Chemistry System.

AX-4030 has been added to Table 1 in the iQ200 Series Instructions for Use:

Table 1 Configurations

Configurations	
	AX-4030
iQ200 Elite	X
iQ200 Sprint	X

Sample Tube Types

Tube types are listed in the iQ200 Series Instructions for Use. Refer to the Arkray AX-4030 Operating Manual for any exceptions to this list.

⚠ CAUTION

Do not add disinfectant or detergent. Preservatives may affect results and should be evaluated before use.

Specimen Volume

The specimen volume for the iQ200 Series and AX-4030 when run together is 4 ml; 2 ml or 40mm from the bottom of the tube when run on the AX-4030 alone.

S.G. Calibration Printout

The S.G. Calibration report cannot be re-printed. You must save the thermal tape, if needed.

Thermal Tape Printout

Printing thermal tape is required at all times. This is required for the investigation of error messages and flags, which are not transferred to the system GUI.

Codes

Instrument status such as Warning Codes, Error Codes, and Trouble Codes do not transmit to the iQ system graphical user interface (GUI). Refer to thermal tape and reference the Arkray AX-4030 Operating Manual for details.

Definition of “H” for the iQ Workcell

“H” refers to abnormal. Results can be “over” or “under” for S.G.

Consumables Traceability

Urine Chemistry Controls for the AX-4030 will be tracked automatically when information is entered into the Chemistry QC Consumables window.

Chemistry QC Consumables Configuration

When changing urine chemistry control lots, follow the iQ200 Series Instructions For Use to enter acceptable ranges (lower and upper limits) for controls. When establishing the QC criteria for acceptance, enter acceptance criteria for 2 control types or concentrations in the Chemistry QC settings screen. Do not enter only 1 control or 3 controls as indicated in the ARKRAY AX-4030 operating manual, section 2.6, Control Measurement.

Select **N/A** for analytes or parameters that are not included in a specific control. For example: Color, Clarity, and Ascorbic Acid may not be included for specific controls and should remain checked as *N/A* for that control. When all analytes are checked as *N/A* in the Chemistry QC settings screen for a single urine chemistry control level, a pop-up dialog box will be displayed, prompting a correction for this configuration.

The dialog box will display: *All analytes are checked with N/A. Please correct configuration for this level of Chemistry QC before continuing.*

Resolve this issue before running controls or patients.

Manual Orders

Use iQ200 patient racks (barcoded racks) when using the Manual Order feature or when running dilutions on the iQ200 series analyzer.

Flags/Messages

The following error messages and symbols for Results, S.G., and Turbidity for Chemistry are summarized below:

NOTE For any unconsolidated results, there will be two entries displayed on the Worklist: one for chemistry and one for microscopy. Resolve the microscopy segment according to the iQ200 Series Instructions for Use. Resolve the chemistry segment as indicated in User Actions.

Table 2 Flags/Messages

AX-4030 Thermal Tape Displays:	Flags/Messages displayed for Chemistry Segment:	Action
No Sample	No Sample, Chem N/A	**1.** Review the flag on the iQ GUI screen. **2.** Refer to the corresponding AX-4030 message (shown in the first column of this table). **3.** Follow the instructions in the AX-4030 Manual under Cause and Remedy (Section 5.4.1 Results-Related Errors) to resolve this error.
Reflection light intensity drift	Drift, Chem N/A	**1.** Review the flag on the iQ GUI screen. **2.** Refer to the corresponding AX-4030 message (shown in the first column of this table). **3.** Follow the instructions in the AX-4030 Manual under Cause and Remedy (Section 5.4.1 Results-Related Errors) to resolve this error.
Test Strip out-of-position	Strip Deviate, Chem N/A	**1.** Review the flag on the iQ GUI screen. **2.** Refer to the corresponding AX-4030 message (shown in the first column of this table). **3.** Follow the instructions in the AX-4030 Manual under Cause and Remedy (Section 5.4.1 Results-Related Errors) to resolve this error.
Abnormal sampling	Drop/Strip Miss, Chem N/A	**1.** Review the flag on the iQ GUI screen. **2.** Refer to the corresponding AX-4030 message (shown in the first column of this table). **3.** Follow the instructions in the AX-4030 Manual under Cause and Remedy (Section 5.4.1 Results-Related Errors) to resolve this error.
Excess Reflectivity	Reflex Over, CHEMTRANSLATE	**1.** Review the flag on the iQ GUI screen. **2.** Refer to the corresponding AX-4030 message (shown in the first column of this table). **3.** Follow the instructions in the AX-4030 Manual under Cause and Remedy (Section 5.4.1 Results-Related Errors) to resolve this error. **4.** Review the ChemTranslate description for any further action.
UNDER	UNDER, CHEMCONFIRM, CHEMTRANSLATE, H and Bolded RED displayed	**1.** Review the flag on the iQ GUI and results in italics. **2.** Follow the instructions in the AX-4030 manual (Section 5.4.2 S.G. Measurement-Related Errors) for the corresponding Cause and Remedy of results in italics. **3.** Review the ChemConfirm and ChemTranslate description in this document for any further action.

Table 2 Flags/Messages *(Continued)*

AX-4030 Thermal Tape Displays:	Flags/Messages displayed for Chemistry Segment:	Action
OVER	OVER, CHEMCONFIRM, CHEMTRANSLATE, H and Bolded RED displayed	**1.** Review the flag on the iQ GUI and results in italics. **2.** Follow the instructions in the AX-4030 manual (Section 5.4.2 S.G. Measurement-Related Errors) for the corresponding Cause and Remedy of results in italics. **3.** Review the ChemConfirm and ChemTranslate description in this document for any further action.
----------	----------; CHEMCONFIRM, CHEMTRANSLATE, H and Bolded RED displayed	**1.** Review the flag on the iQ GUI and results in italics. **2.** Follow the instructions in the AX-4030 manual (Section 5.4.2 S.G. Measurement-Related Errors) for the corresponding Cause and Remedy of results in italics. **3.** Review the ChemConfirm and ChemTranslate description in this document for any further action.
CAL.ERR (applies to both S.G. and Turbidity)	CAL.ERR, CHEMCONFIRM, CHEMTRANSLATE, H and Bolded RED displayed	**1.** Review the flag on the iQ GUI and results in italics. **2.** Follow the instructions in the AX-4030 manual (Section 5.4.2 S.G. Measurement-Related Errors; Section 5.4.3 for Turbidity-Measurement-Related Errors) for the corresponding Cause and Remedy of results in italics. **3.** Review the ChemConfirm and ChemTranslate description in this document for any further action.
ERROR	ERROR, CHEMCONFIRM, CHEMTRANSLATE, H and Bolded RED displayed	**1.** Review the flag on the iQ GUI and results in italics. **2.** Follow the instructions in the AX-4030 manual instructions (Section 5.4.3 Turbidity Measurement - Related Errors) for the corresponding Cause and Remedy of results in italics. **3.** Review the ChemConfirm and ChemTranslate description in this document for any further action.
Analyte or turbidity flagged with asterisk (*)	H and Bolded RED	**1.** Review the flag on the iQ GUI screen. **2.** Review the description in the AX-4030 manual (Section 2.8.2 Printed Results Report) for Abnormal results flagged with an asterisk. **3.** Follow your laboratory policy for abnormal results.

Table 2 Flags/Messages *(Continued)*

AX-4030 Thermal Tape Displays:	Flags/Messages displayed for Chemistry Segment:	Action
S.G. flagged with asterisk (*) showed when UNDER or OVER	H and Bolded RED, CHEMCONFIRM, CHEMTRANSLATE	Follow instructions for UNDER or OVER above.
Analyte flagged with exclamation mark (!)	CHEMCONFIRM	**1.** Review the flag on the iQ GUI and results in italics. **2.** Review the description in the AX-4030 manual instructions (Section 1.1.2 features; Section 2.2.2 Handling Samples; Section 2.8.2 Printed Results Report) for the results of analytes with an exclamation mark (!). **3.** Review the ChemConfirm and ChemTranslate description in this document for further action.
●	See entry for (*) or (!)	Refer to actions for results with (*) or (!) above.
?	Refer to Error Message showed with the "?" mark.	Refer to the specific flag or error message displayed on the iQ GUI.

Information on the Abnormal Result List

Abnormal result error messages are displayed as follows. See the Arkray AX-4030 Operating Manual for details; Section 5.4.4:

Table 3 Abnormal Results Error Messages

Description in the AX-4030 Manual	Message Displayed	Action
Barcode Misread	ID ERROR / ID Flag	**1.** Review the flag on the iQ GUI. **2.** Review the AX-4030 Manual, Section 5.4.4 for instructions, related to description, Cause and Remedy of the "Barcode Misread." **3.** Follow the iQ200 series IFU for instructions related to the ID flag. **4.** Follow the iQ200 series IFU for consolidation of microscopy and chemistry results (if applicable).
No Sample	See section above for description	Refer to section above for No Sample user actions.

Table 3 Abnormal Results Error Messages *(Continued)*

Description in the AX-4030 Manual	Message Displayed	Action
Measurement Error	Chem N/A with specific error or ChemTranslate with specific error	**1.** Review the specific error on the iQ GUI. **2.** Review the AX-4030 Manual, Section 5.4.4 for instructions related to description, Cause and Remedy of "Measurement Error." **3.** Refer to section above for user actions for the specific errors listed in section 5.4.4.
Abnormal Data	Display is based on Analytes' Abnormal Mark (*, !)	**1.** Review the specific flag on the iQ GUI. **2.** Review the AX-4030 Manual, Section 5.4.4 for instructions related to description, Cause and Remedy for "Abnormal Data." **3.** Refer to section above for user actions for "Abnormal Data" as described in section 5.4.4.
Positive Sample	H and Bolded	**1.** Review the flagged results on the iQ GUI. **2.** Review the AX-4030 Manual, Section 5.4.4 for instructions related to description, Cause and Remedy for "Positive Sample." **3.** Refer to section above for user actions for "Positive sample" (analytes or turbidity results with an asterisk).
S.G. Measurement Error	See S.G. Related Errors above	**1.** Refer to iQ GUI for specific S.G. related error. **2.** Review the AX-4030 Manual, Section 5.4.4 for instructions related to description, Cause and Remedy for "S.G. Measurement Error." **3.** Refer to section above for user actions for "S.G. Measurement Error" as described in section 5.4.4.
Turbidity Measurement Error	See Turbidity Related Errors above	**1.** Refer to iQ GUI for specific S.G. related error. **2.** Review the AX-4030 Manual, Section 5.4.4 for instructions related to description, Cause and Remedy for "Turbidity Measurement Error." **3.** Refer to section above for user actions related to "Turbidity Measurement Error" as described in section 5.4.4.

Expired Urine Chemistry Consumables for QC

Running expired Urine Chemistry Consumables or QC will raise a yellow alarm on the iQ GUI screen. Do not use expired consumables or QC per laboratory regulations.

⚠ CAUTION

Risk of erroneous resuts. Instrument will still process patient samples. Do not report the results.

Urine Chemistry Controls

The following information is required for running controls:

Table 4 Running Controls

Running Controls With or Without Barcodes	Refer to the Arkray AX-4030 Operating Manual
Control levels	• Up to 2 control types or concentrations can be run on the AX-4030 (not 3 as indicated in the ARKRAY AX-4030 Operating Manual, section 2.6 Control Measurement). • Place controls in positions 8 and 9 of the ARKRAY AX control rack (L and M will be displayed on the thermal tape).

Table 4 Running Controls

Running Controls With or Without Barcodes	Refer to the Arkray AX-4030 Operating Manual
Quality Control Failure for the AX-4030	Alarm #37 will appear on iQ200 system GUI screen. A visible red triangle alarm will appear on the iQ200 system GUI screen when QC fails. Failed QC results will be found in the Quality Review screen and the QC statistics chart. **⚠ CAUTION** **Do not process patient samples.** Follow Alarm #37 instructions below for resolving QC recovery problems. If you need additional help, call Beckman Coulter Customer Services 800-526-7694 or contact your local Beckman Coulter Representative.
Alarm #37 related to urine chemistry control failure	Alarm #37 reads: **Cause:** The Chemistry System failed to pass one or more of the controls in its quality control suite. **Remedy:** This condition must be remedied for the instrument to run more specimens. • Run another chemistry control rack (check the rack label). Make sure to place each tube in the correct location and not to skip any tubes. Make sure your controls are not expired. • If the failure persists, try repeating with different bottles of controls. • If the failure persists after performing the steps above, please call your technical support representative for further assistance.

Position 10 of the AX-4030 Control Rack

⚠ CAUTION

Risk of erroneous results. Do not place a control or sample in position 10 of the AX-4030 control rack.

Ensure that controls are placed in the proper positions in the control rack before release of patient results.

If a control or sample is inadvertently placed in position 10 of the AX-4030 control rack:

- No alarm will be generated.
- The instrument will aspirate and run the sample, the thermal tape will display the sample as a control, but the iQ GUI will not display any result of the sample.
- Disregard the result on the thermal tape.

Sample Barcodes

An ID can only be up to 13 digits long and can contain numeric, alphabetic, and special characters when the AX-4030 is connected to the iQ200.

NOTE If a sample barcode is more than 13 digits, the results will not be consolidated. The user will obtain microscopy results and truncated ID for chemistry results.

ID Errors

⚠ WARNING

Risk of erroneous results.

The AX-4030 does not recognize the barcode of the iQ200 series racks. When combining microscopy segments with the corresponding chemistry segments to resolve an ID error, the rack numbers will be different. The position numbers will be recognized.

Use the position number as a guide to combine the segments.

Results with a Chem N/A Flag

Microscopy and chemistry portions will not consolidate if the Chem N/A flag is present. Follow the steps below to re-run:

1. Delete both the microscopy and chemistry results.
2. Pour a new aliquot and run the sample on the entire iQ Workcell.

Memory

When connected to the iQ200, the total on-board data storage is up to 10,000 patient results as per the iQ200 Series Instructions for Use.

Body Fluid Racks

The AX-4030 is programmed to skip body fluid racks as per iQ200 Series Instructions for Use, Chapter 15.

Alarm #20

Alarm #20 will operate the same for the AX-4030 as it does for the AX-4280. The Chemistry communication link failed. The Cause and Remedy is described in the iQ200 Series Instructions for

Use (see Alarm #20 in iQ200 Series Instructions for Use for details; Chapter 10/Troubleshooting/Alarms).

Dilutions-Specimen Preparation

Follow the procedure listed in the iQ200 Series Instructions for Use, Chapter 5/Sample Analysis/Dilutions.

- Use rack #23 for the undiluted chemistry segment.
- Load the diluted sample into a regular iQ200 patient rack (barcoded rack) for the microscopy segment.

ChemConfirm Definition

Table 5 CHEMCONFIRM Definition

CHEMCONFIRM Cause	CHEMCONFIRM Remedy
1. One or more of the chemistry results exceeded the user-defined confirmation threshold. The results that met or exceeded the confirmation threshold will be displayed in italics on the Results screen. OR **2.** One or more of the chemistry results had an "!" added to the result (visible on the thermal tape only). This will be automatically sent from the AX-4030 and expressed as "CHEMCONFIRM" on the GUI.	**1.** Record the sample ID. **2.** Look for the analyte displayed in italics. **3.** Check the thermal tape to determine the presence of an exclamation mark (!). **4.** Take an action listed below: **If no exclamation mark is present:** **a.** Confirm the results according to Laboratory Protocol. **b.** Clear the flag. **NOTE** Samples meeting auto-release criteria will automatically auto-release to the LIS, if there are no further flags preventing release. **c.** If not auto-released, the confirmation results may be added in the Edit Comment box, if desired. **If an exclamation mark (!) is present for a strip analyte:** **a.** Refer to the Arkray AX-4030 Operating Manual details about this flag. Investigate the flag based on your Laboratory protocol. **NOTE** Samples meeting auto-release criteria will automatically auto-release to the LIS, if there are no further flags preventing release.

ChemTranslate Definition

Table 6 ChemTranslate Definition

CHEMTRANSLATE Cause	CHEMTRANSLATE Remedy
1. Measurement error OR **2. Settings set-up error** • One or more chemistry names or results received from the chemistry analyzer do not match the expected name or result (data entered in the input settings).	**1. Measurement error:** • If a flag is applied to Turbidity or S.G.: Refer to Arkray AX-4030 Operating Manual for flag details of the specific error displayed on the iQ200 GUI screen. • Investigate and resolve the flag based on your laboratory protocol. **2. Settings set-up error:** • Make sure the displayed results are valid values. • Check the set-up map for the specific chemistry. Add that value, if valid. • If the result is valid, but the map settings were wrong, clear the flag and accept. • DO NOT change the chemistry input values without assistance from Beckman Coulter Technical Support.

Troubleshooting - Using the iChemBOOST Box

Two chemistry systems can be connected to the iQ200 analyzer using the iChemBOOST Kit. An iChemBOOST Box allows you to enable the backup chemistry system. Follow the steps described in the iQ200 Series Instructions for Use, Chapter 10/Troubleshooting, to switch from primary to a backup chemistry system.

NOTE Screens and hardware depicted in the iQ200 Series IFU may differ slightly from the screens and hardware in your system configuration.

Related Documents

Your documentation can be found on our website at www.beckmancoulter.com.

iQ200 Series IFU

(300-4320)

- System Overview
- Operation Principles
- Startup
- Quality Control
- Sample Analysis
- Data Review
- Manual Orders
- Shutdown
- Setup
- Troubleshooting
- Quality Assurance
- Cleaning Procedures
- Replacement/Adjustment Procedures
- iWARE™ Expert System
- iQ Body Fluids Module
- Auto-Release
- Appendices
- Abbreviations
- Glossary
- References
- Index
- Warranty

Symbols Glossary

C26098

Host Transmission Manual

300-4941

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