AU480 Quick Start Guide

Quick references to AU resources

Table of Contents

How to Access the Training & Education Website

1. Go to www.beckmancoulter.com.

2. Select the Training & Education option.

3. Select the "Chemistry + View" option.

4. A list of chemistry analyzer is displayed.
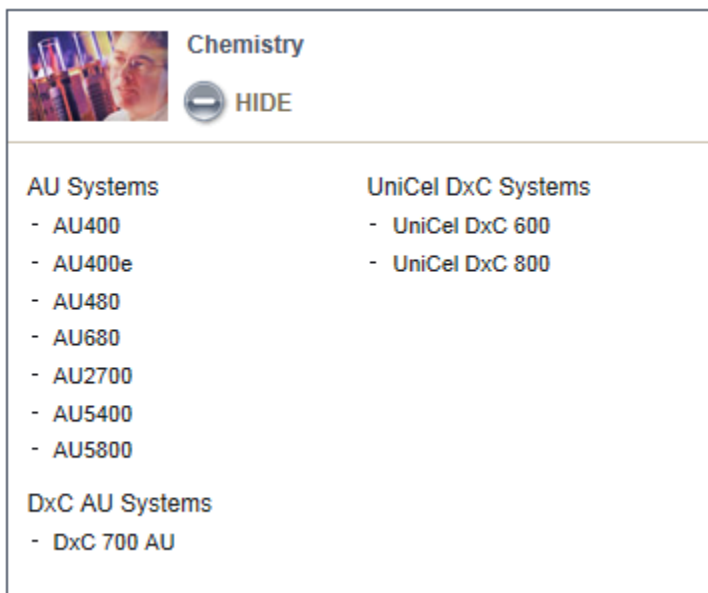
5. Select AU480, then the Tools & Aids tab, On Demand tab, or Instructor Led tab.

   › Tools & Aids tab: Job Aids and AU480 In-Lab Training Manual

   › On Demand tab: E-learning Training Modules

   › Instructor Led tab: information on the instructor led training in Brea, CA. Information on CEUs, selecting the best candidate to attend training, objectives and prerequisites

E-learning Training Modules

Purpose: provides an overview of the AU480 software, hardware components, ISE and reaction process through an engaging and interactive E-learning training module.

Location: Training & Education website, On Demand tab.

Job Aid Booklet

Purpose: easy-to-use instructions for daily startup and as needed procedures in a flowchart format.

Location: Training & Education website, Tools & Aids tab.

Job Aid Booklet Table of Contents

Additional Job Aids

Purpose: provide instructions and tips in an easy-to-use flowchart format for some of the most frequently asked questions: Startup, Racks and Sample Containers, Maintenance, Troubleshooting and as needed tasks.

The AU480 In-Lab Training Manual provides instructions for training additional operators in your facility, a competency exercise and a competency exercise key.

Location: Training & Education website, Tools & Aids tab.

RESEARCH & DISCOVERY | DIAGNOSTICS | INDUSTRIAL

| Tools & Aids | On Demand | Instructor Led |

Welcome to the Training and Education resource pages!

The tabs above provide you with pathways to additional educational opportunities. Below are a wide variety of tools and aids to assist you in mastering instrument operation. These aids range from short video clips of commonly performed procedures, job-aids, learning guides, to competency checklists.

Select the appropriate link to access a training tool.

- Competency Checklist
- AU480 In-Lab Training Manual
- Job Aid Booklet
- Daily Start Up Job Aid
- Every Other Week and Weekly Maintenance Job Aids
- Every Other and Weekly Efficiency Job Aids
- Monthly Maintenance Job Aids
- Monthly Maintenance Efficiency Job Aids
- AU Troubleshooting Tips
- Reagent Consumption Job Aid
- Sample Processing Overview
- Sample Rack Usage and Validated Sample Containers
- Software Overview
- Systematic Troubleshooting
- AU Calculated Parameter
- New Test Configuration
- Tips for Working With Your Service Representative
- Diazyme Procalcitonin Customer Installation Guidelines
- AU Routine Cleaning Solutions

Training Competency Checklist

Purpose: provides a checklist for In-Lab Training to ensure trainees are proficient in basic operations on the AU480.

Location: Training & Education website, Tools & Aid tab.

Competency Checklist

AU480 Chemistry Analyzer

Task	Resources	How Measured?	Achieved? Y	Achieved? N	N/A	Date	Trainee Initial	Trainer Initial
Reagents								
• Check reagent status		❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Load reagent bottles in the refrigerators	AU480 User's Guide Chapter 5 Daily Startup ↳ 5.5 Check Reagent Status	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Perform a reagent check		❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Check ISE reagent status	AU480 User's Guide Chapter 8 Maintenance ↳ 8.19 ISE As Needed Maintenance	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Load ISE reagents	↳ 8.19.5 Replacing ISE Reagents	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Assign a reagent to fixed position	AU480 User's Guide Chapter 7 System Monitoring and Results ↳ 7.4 Reagent Management ↳ 7.4.1 Fix (Assign) a Reagent Position	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Identify reagent preparation	Reagent Instructions for Use ↳ Reagent Preparation	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
Calibration								
• Determine analyzer calibration status	AU480 User's Guide Chapter 5 Daily Startup ↳ 5.5 Check Reagent Status	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Perform analyzer calibration	AU480 User's Guide Chapter 5 Daily Startup ↳ 5.6 Perform Calibration	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			
• Perform ISE calibration	AU480 User's Guide Chapter 8 Maintenance ↳ 8.12 ISE Daily Maintenance ↳ 8.12.2 ISE Calibration	❑ Direct Observation ❑ Test ❑ Other _____	❑	❑	❑			

How to Access Help from the AU Software

Select the Help button from the AU software, then select the **Main** button.
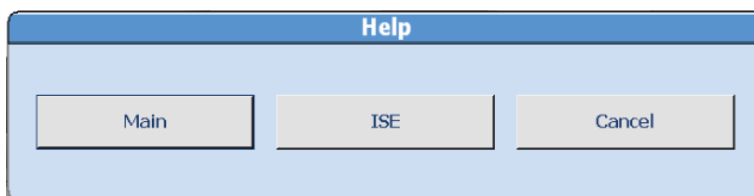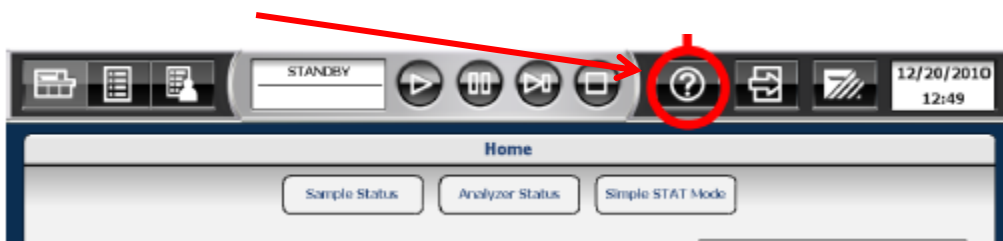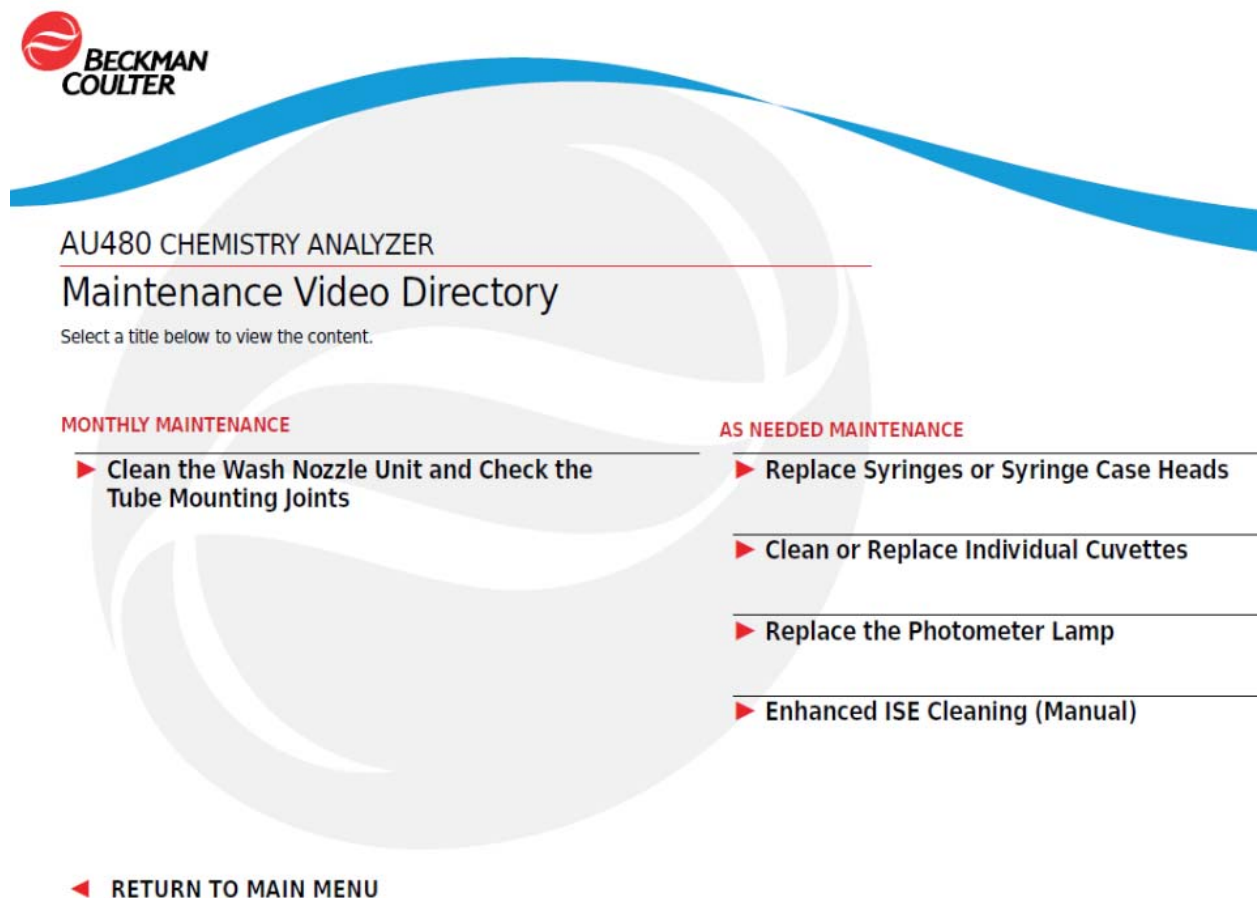
AU480 CHEMISTRY ANALYZER
Online Help Main Menu
Select a title below to view the content.

▶ **Quick Response Guide**

▶ **User's Guide**

▶ **Maintenance Video Directory**

▶ **Addendum**

Maintenance Videos

Select the Help button from the AU software, and then select Video Directory.

Quick Response Guide

Select the Help button from the AU software, and then select Quick Response Guide.

The Quick Response Guide is available in the following formats:

› Download a copy from the web: https://www.beckmancoulter.com/wsrportal/page/techdocSearch

› **Help** button on the Main Menu on the AU software

› Order a hard copy: contact Beckman Coulter Customer Service at 1-800-526-3821 from the United States and Canada, or your local Beckman Coulter Representative

From the Help button on AU Software:

› Select "RETURN TO MAIN MENU" (red text) to return to the Online Help Main Menu screen.

› Select the red "X" in the upper right corner of the screen to close the Online Help and return to the analyzer software.
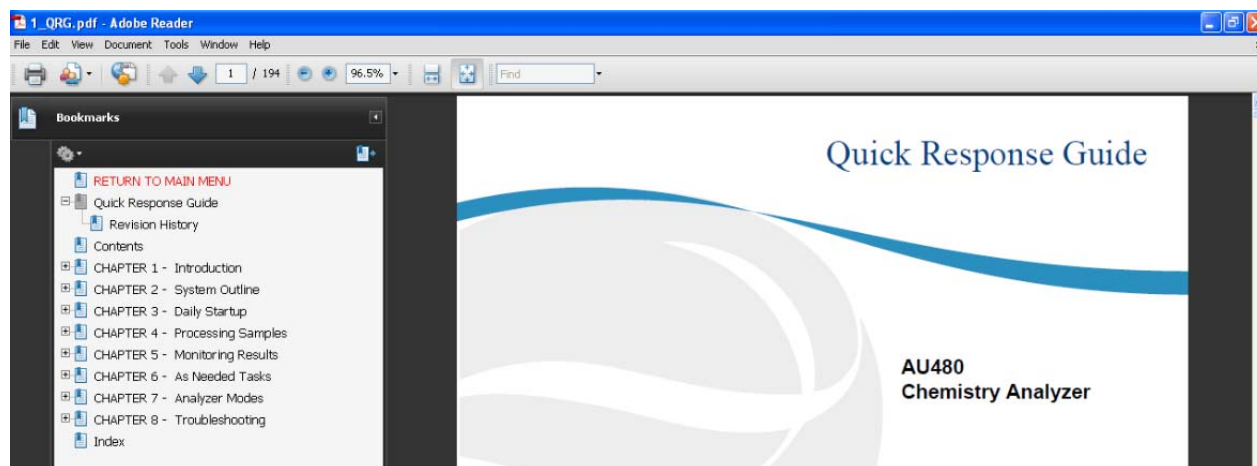
User's Guide

Select the Help button from the AU software, and then select User's Guide.

The User's Guide is available in the following formats:

› Download a copy from the web: https://www.beckmancoulter.com/wsrportal/page/techdocSearch

› **Help** button on the Main Menu on the AU software

› Order a hard copy: contact Beckman Coulter Customer Service at 1-800-526-3821 from the United States and Canada, or your local Beckman Coulter Representative

From the Help button on AU Software:

› Select "RETURN TO MAIN MENU" (red text) to return to the Online Help Main Menu screen.

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User's Guide Frequently Asked Questions (FAQ)

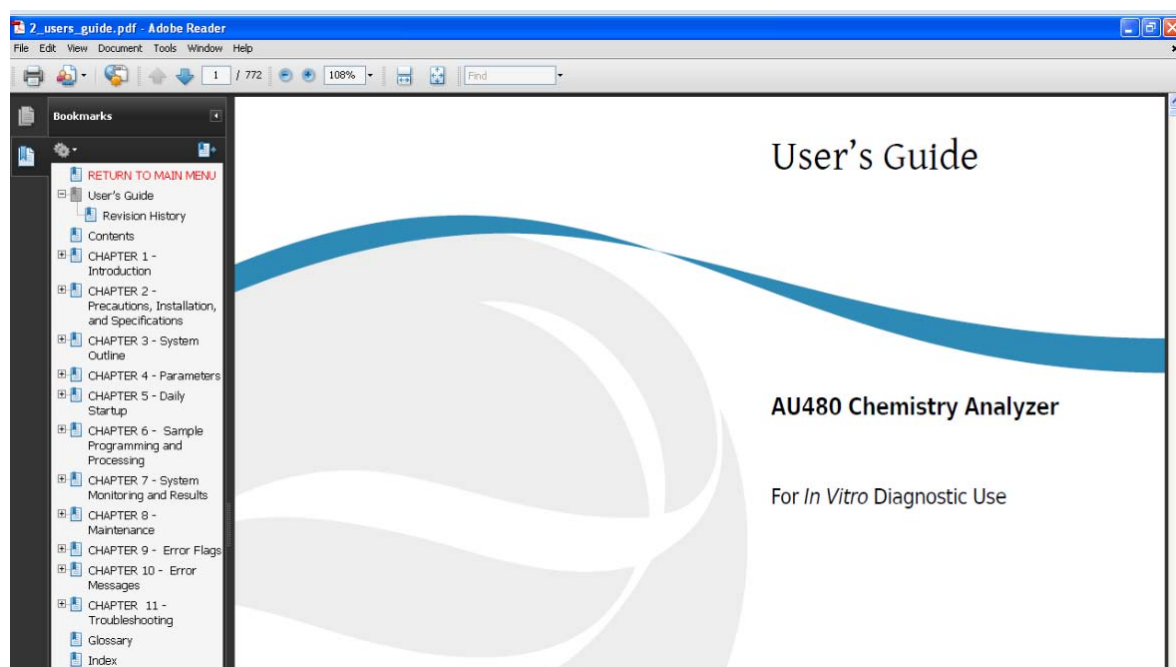How to find the information on frequently asked questions in the User's Guide: select the Help button from the AU software, and then select User's Guide.

› List of Flags

Chapter 9 Error Flags

› Screen Navigation and Software Overview

Chapter 3 System Outline, 3.5 Software Description

› Startup Procedures

Chapter 5 Daily Startup

› Turn the System Off (End Process) and Back On for Troubleshooting

Chapter 7, System Monitoring and Results, 7.10 System Shutdown (End Process)
Chapter 5 Daily Startup, 5.1.1 Turn on the System

› Parts List for Analyzer and ISE Maintenance

Chapter 8 Maintenance, 8.2 Parts List for Analyzer Maintenance and 8.10 Parts List for ISE Maintenance

› Analyzer and ISE Maintenance Schedules

Chapter 8 Maintenance, 8.1.1 Maintenance Schedule List

› Manual Requisition

Chapter 6 Sample Programming and Processing, 6.3 Requisition for Routine and Emergency Samples

› STAT Samples

Chapter 6 Sample Programming and Processing, 6.5.1 Enter Manual Requisitions for Priority STAT Samples and 6.5.2 Processing Priority STAT Samples

› Program a New Test

Chapter 4 Parameters, 4.1 Program a New Test

› Contamination Parameters

Chapter 4 Parameters, 4.8 Contamination Parameters Menu