

UNICORN 5.10 vs 5.01

Software Change Description



Introduction

This document describes the implemented changes and improvements in UNICORN™ 5.10 compared to version 5.01.

Installation options

- The UNICORN installation CD now also includes the installation option for the ÄKTAcrossflow™ Evaluation for Cross Flow Filtration module, which is used in combination with the UNICORN installation for general ÄKTA™ instruments.
- A new controller units, CU-960 has been added to the System Setup installation options.

Controller unit features

- The CU-960 is introduced. This controller unit is equipped with an additional Profibus interface. The Profibus is a standardized fieldbus interface which is optimized for efficient process applications.
- The system will be set to pause if an error occurs when the communication between the CU-950 or CU-960 controller unit and the computer is down. This requires that the controller unit is operated in the Advanced mode and that a Compact Flash memory card is installed.

Improved support for IQ and OQ

- New evaluation procedure instructions have been implemented for ÄKTAcrossflow installation tests:
 - Curve amplitude can be verified within a defined interval
 - Curve amplitude can be matched to a specified value within a defined interval
 - Logbook text content can be verified within a defined interval
 - System name, date and other information can automatically be added to the test report
- More information in the Maintenance Manager:
 - New instruments are displayed
 - Pump 982, pump 984, MVL 900
 - UVis 920, ALP 900, PHC 902, VAP 900
 - PSC 900
 - A-905
 - Instruments connected through the Profibus are displayed.

ÄKTAcrossflow improvements

- The default base for ÄKTAcrossflow evaluations is set to time.
- Column volume (CV) may no longer be selected as base for cross flow filtration methods.
- Only the curves that are of interest for cross flow filtration evaluations will be displayed as default in the Evaluation module.

Distribution of strategies and system manuals

- All strategies and system manuals will now be distributed on separate CDs and will not be included on the UNICORN installation CD. This will simplify independent release of updates either to the UNICORN software or to individual strategies. Release dates for strategies for different system will not have to be synchronized in the future.
- Some strategies will be available for download via the Internet.
- New strategy CDs will include
 - ÄKTExpress™
 - ÄKTExpress MAb
 - ÄKTAbasic™, ÄKTAFPLC™, ÄKTApurifier™, ÄKTExplorer™
 - ÄKTAcrossflow
 - ÄKTApilot™

Corrections and improvements

The following minor corrections and improvements have been implemented in UNICORN 5.10:

- Column lists are now saved locally and checked against a master column list on the server. This will eliminate problems with empty or incomplete lists.
- Lock file errors, which were known to cause problems opening results, have been corrected.
- An audit trail version check prevents compatibility issues between old audit trails that were created in earlier versions of UNICORN.
- In the previous release the ÄKTAcrossflow Evaluation Wizard menu alternative would disappear from the menu when an evaluation file was closed. This error is now corrected.
- The number of characters that can be used in text strings for Scouting method variables is now determined by the strategy that is used.
- The File list has been updated to include more file types. This will improve IQ and OQ.
- All OPC servers are registered automatically during the installation of UNICORN to avoid problems with unrecognized OPC servers.
- Errors that occurred during the uninstallation of OPC have been corrected.

www.amershambiosciences.com
www.gehealthcare.com

GE Healthcare
Amersham Biosciences AB
Björkgatan 30
751 84 Uppsala
Sweden

UNICORN, ÄKTA, ÄKTAcrossflow, ÄKTAbasic, ÄKTAFPLC, ÄKTApurifier, ÄKTApilot and ÄKTAexplorer are trademarks of GE Healthcare Ltd. GE Tagline and GE Monogram are trademarks of General Electric Company.

Microsoft and Windows are trademarks or registered trademarks of the Microsoft Corporation in the United States and/or other countries.

Adobe, Acrobat and Distiller are trademarks or registered trademarks of Adobe Systems Inc.

All goods and services are sold subject to the terms and conditions of sale of the company within GE Healthcare which supplies them. General Electric Company reserves the right, subject to any regulatory and contractual approval, if required, to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.

Any use of this software is subjected to GE Healthcare Standard Software End-User License Agreement for Biosciences Software Products.

© 2005 General Electric Company – All rights reserved.

Amersham Biosciences AB, a General Electric Company going to market as GE Healthcare.

GE Healthcare Amersham Biosciences AB
Björkgatan 30, 751 84 Uppsala, Sweden

GE Healthcare Amersham Biosciences Europe GmbH
Munzinger Strasse 9, D-79111 Freiburg, Germany

GE Healthcare Amersham Biosciences UK Ltd
Amersham Place, Little Chalfont, Buckinghamshire, HP7 9NA, UK

GE Healthcare Amersham Biosciences Corp
800 Centennial Avenue, P.O. Box 1327, Piscataway, NJ 08855-1327, USA

GE Healthcare Amersham Biosciences KK
Sanken Bldg. 3-25-1, Hyakunincho, Shinjuku-ku, Tokyo 169-0073, Japan

Asia Pacific Tel: +852 2811 8693 Fax: +852 2811 5251 • Australasia Tel: +61 2 9899 0999 Fax: +61 2 9899 7511 • Austria Tel: 01/57606-1619 Fax: 01/57606-1627 • Belgium Tel: 0800 73 888
Fax: 03 272 1637 • Canada Tel: 800 463 5800 Fax: 800 567 1008 • Central, East, & South East Europe Tel: +43 1 982 3826 Fax: +43 1 985 8327 • Denmark Tel: 45 16 2400 Fax: 45 16 2424 • Finland & Baltics
Tel: +358-(0)9-512 39 40 Fax: +358-(0)9 512 39 439 • France Tel: 01 69 35 67 00 Fax: 01 69 41 96 77 • Germany Tel: 0761/4903-490 Fax: 0761/4903-405 • Italy Tel: 02 27322 1 Fax: 02 27302 212 • Japan
Tel: +81 3 5331 9336 Fax: +81 3 5331 9370 • Latin America Tel: +55 11 3933 7300 Fax: +55 11 3933 7304 • Middle East & Africa Tel: +30 210 9600 687 Fax: +30 210 9600 693 • Netherlands
Tel: 0165 580 410 Fax: 0165 580 401 • Norway Tel: 815 65 555 Fax: 815 65 666 • Portugal Tel: 21 417 7035 Fax: 21 417 3184 • Russia & other C.I.S. & N.I.S Tel: +7 (095) 232 0250, 956 1137 Fax: +7 (095) 230
6377 • South East Asia Tel: 60 3 8024 2080 Fax: 60 3 8024 2090 • Spain Tel: 93 594 49 50 Fax: 93 594 49 55 • Sweden Tel: 018 612 1900 Fax: 018 612 1910 • Switzerland Tel: 0848 8028 12 Fax: 0848 8028 13
• UK Tel: 0800 616928 Fax: 0800 616927 • USA Tel: 800 526 3593 Fax: 877 295 8102



imagination at work

UNICORN 5.10 vs 5.01 Edition AA 2005-06