

CU-950 Installation Guide

This instruction describes CU-950 and provides information on how to install it with ÄKTAbasic™, ÄKTAexplorer™, ÄKTApurifier™, ÄKTAFLC™ and ÄKTApilot™.

1 Description

CU-950 unit consists of a back panel with connectors and three indicator lamps (LEDs) on the front. The unit is supplied with a small power converter and EU and US mains cables.

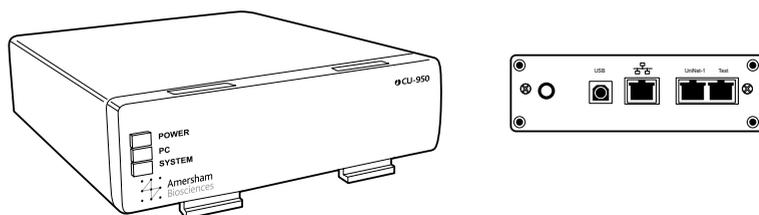


Fig 1. CU-950 unit

1.1 Front panel LEDs

There are three green lamps on the front panel labelled: Power, PC and System:

- The Power lamp is illuminated when the CU-950 is connect to mains power.
- The PC lamp blinks at first and then remains on when communication with the PC is established.
- The System lamps blinks and then remains on when communication with ÄKTA™ system has been established.

1.2 Back panel

There are five inlets on the rear of the CU-950 unit (from left to right):

- power input,
- USB port,

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- network connection,
 - UniNet-1 cable port,
 - Test port.

2 Installation with ÄKTAexplorer, ÄKTApurifier and ÄKTAbasic

- 1 Hang the CU-950 on the left side of the ÄKTA system by inserting the hooks on the front of CU-950 into the channel on the side of the UV-900 and rotating into position, as shown in the illustration below. ÄKTApurifier system is shown as an example.

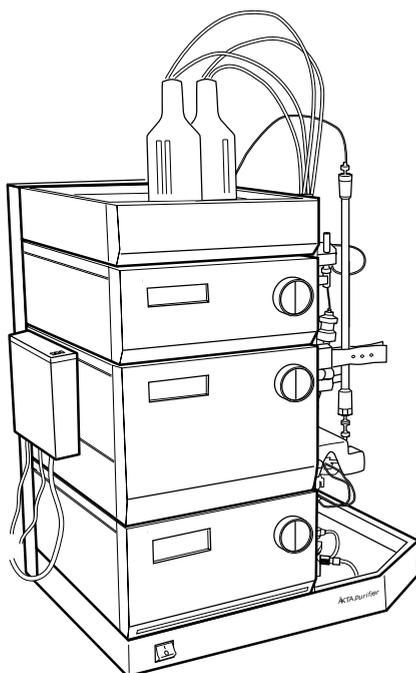


Fig 2. Location of CU-950 on ÄKTApurifier system.

- 2 Connect the UniNet-1 data communication cable between the UniNet-1 port on CU-950 and Pump P-900 in the ÄKTA system.

Note: *If a fraction collector is used, connect the fraction collector UniNet-1 cable between Pump P-900 and the fraction collector, and the 1.5 m UniNet-1 cable between the fraction collector and CU-950, and then the USB cable between CU-950 and the computer.*

Figures 3, 4, and 5 show the schematic cable connections for ÄKTA basic, ÄKTAexplorer, and ÄKTApurifier, respectively. Remember that the CU-950 unit is actually mounted on the side of UV-900.

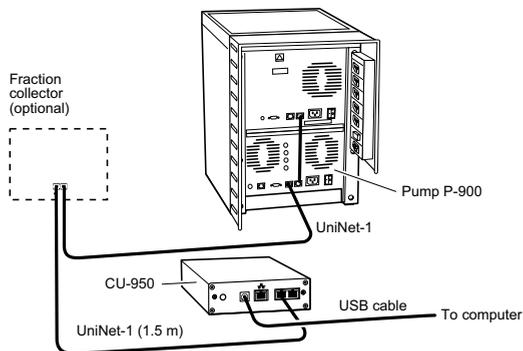


Fig 3. Schematic connections between Pump P-900 the Fraction collector, the UniNet-1 port on CU-950, and the computer for ÄKTA basic.

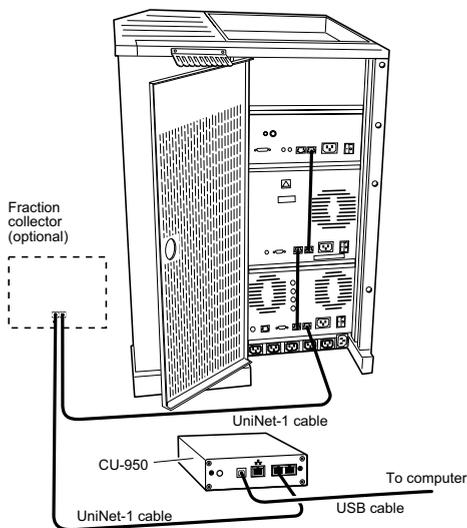


Fig 4. Schematic connections between Pump P-900 the Fraction collector, the UniNet-1 port on CU-950 and the computer for ÄKTA explorer

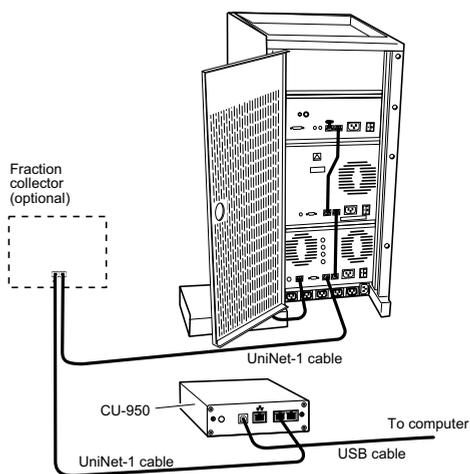


Fig 5. Schematic connections between Pump P-900 the Fraction collector, the UniNet-1 port on CU-950 and the computer for ÄKTApurifier.

- 3 For connection to and installation on the computer, please refer to the UNICORN Administration and technical manual.

3 Installation with ÄKTAFLC

- 1 Hang the CU-950 on the left side of the ÄKTA system by inserting the hooks on the front of CU-950 into the channel on the side of the UPC-900 and rotating into position, as shown below:

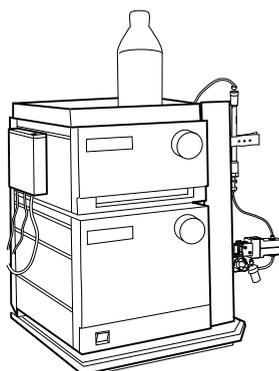


Fig 6. Location of CU-950 on ÄKTAFLC.

- 2 Connect the UniNet-1 data communication cable between the UniNet-1 port on CU-950 and P-920 in the ÄKTA system.

Note: *If a fraction collector is used, connect the fraction collector UniNet-1 cable between P-920 and the fraction collector, and the 1.5 m UniNet-1 cable between the fraction collector and CU-950, and then the USB cable between CU-950 and the computer.*

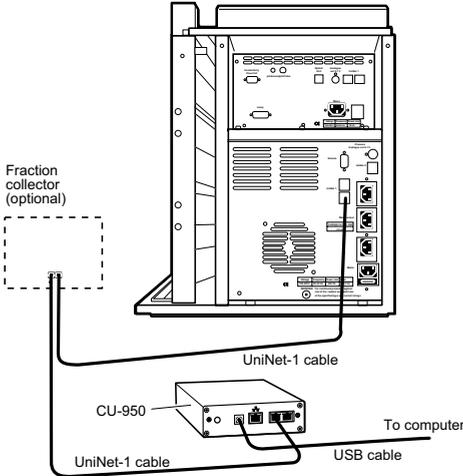


Fig 7. Schematic connections between Pump P-920 the Fraction collector, the UniNet-1 port on CU-950 and the computer for ÅKTAFLC.

- 3 For connection to and installation on the computer, please refer to the UNICORN Administration and technical manual.

4 Installation with ÄKTApilot

- 1 The CU-950 unit is placed near the ÄKTApilot system.
- 2 Connect the UniNet-1 data communication cable between the UniNet-1 port on CU-950 and one of the UniNet-1 sockets on the controller rear panel inside the separation unit of the ÄKTApilot system.

Note: If a fraction collector is used, connect the fraction collector UniNet-1 cable between ÄKTApilot system and the fraction collector, and the 1.5 m UniNet-1 cable between the fraction collector and CU-950.

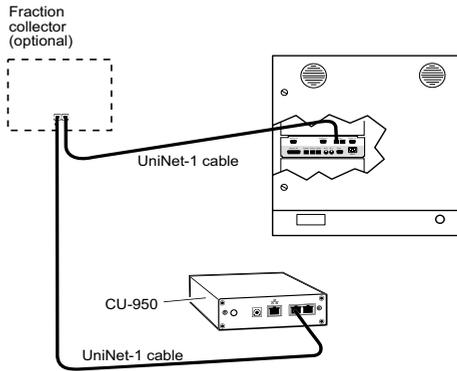


Fig 8. Schematic connections between ÄKTApilot system, the Fraction collector, and the UniNet-1 port on CU-950.

- 3 For connection to and installation on the computer, please refer to the UNICORN Administration and technical manual.



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