



Installation Qualification Procedures

GX-241 ASPEC™

The Installation Qualification (IQ) procedures are aimed at end users who are implementing GLP-type requirements and can be readily incorporated into proprietary Standard Operating Procedures (SOPs).

1. Instrument Identification

Manufacturer

Gilson, Inc.
3000 Parmenter Street
PO Box 620027
Middleton, WI 53562-0027 USA

Instrument Name	Serial Number*
GX-241 ASPEC	
GX Rinse Pump	
*Refer to the shipping label, located on each shipping container, for the serial number.	

Supplier

Organization	
Address	
Phone Number	
Fax Number	
Service Technician	





User

Organization	_____
Department	_____
Site (Room)	_____
Primary Contact	
Name	_____
Phone	_____
E-Mail	_____
Date of Installation	_____

2. Pre-Installation

Instrument Description

The GX-241 ASPEC™ when paired with a VERITY® 4060 Single Syringe Pump, can automate liquid handling procedures and solid phase extraction (SPE) using positive pressure elution in cartridge-based applications. The GX-241 ASPEC can be configured with a solvent reservoir rack, disposable extraction cartridge (DEC) rack, sample rack, rinse station, and a GX Rinse Pump.

For technical specifications, refer to the *GX-241 ASPEC™ User's Guide*.

Unpacking

When unpacking the instrument, check the contents against the information listed under the **Unpacking** heading in the *GX-241 ASPEC™ User's Guide*.

Retain all packing material so the instrument may be shipped safely in the future.



Installation Site Requirements

Power Requirements	GX-241 ASPEC Voltage: 24V DC Current Rating (Maximum): 6.25A, 150W
	External Power Supply Voltage Input Frequency: 50 to 60 Hz Voltage: 100–240V AC Voltage Output Voltage: 24V DC Current rating: 6.25A, 150W
Temperature Range	5°C–40°C
Dimensions* (W x D x H) *with Z-Arm installed and connected	39 x 50 x 51.5 cm (15.4 x 19.8 x 20.3 in.)

Documents

In addition to this document, the following are provided. For reference purposes, specify the storage location for each.

LT26140CD	ASPEC™ Systems Documentation CD _____
LT312241	GX-241 and GX Syringe Pump Declaration of Conformity _____
LT310196	QC Checklist - GX-241 _____
LT255572	Items Included Checklist, GX-241 ASPEC _____
LT255573	GX-241 China RoHS _____
LT255566	GX-241 ASPEC System Setup Overview _____



3. Installation

Locator Plate Setup

Refer to the appropriate procedures in **Chapter 2, Installation** in the GX-241 ASPEC™ User's Guide.

Z-Arm Setup

Refer to the appropriate procedures in **Chapter 2, Installation** in the GX-241 ASPEC™ User's Guide.

Plumbing Connections

Refer to the appropriate procedures in **Chapter 2, Installation** in the GX-241 ASPEC™ User's Guide.

Rear Panel Connections

Refer to the appropriate procedures in **Chapter 2, Installation** in the GX-241 ASPEC™ User's Guide.

Start Up

Refer to **Chapter 3, Operation**, in the GX-241 ASPEC™ User's Guide, for information on starting the GX-241 ASPEC.

GX-241 Offset Utility

Refer to **Chapter 3, Operation**, in the GX-241 ASPEC™ User's Guide, for information on running the GX 241 Offset Utility (part number 21067549).



4. Firmware Version

To obtain the firmware version for your records:

1. Install the Gilson Ethernet Utility. Refer to its documentation, if necessary.
2. Start the Gilson Ethernet Utility. Click the Start button and then select **All Programs > Gilson Applications > Utilities > Gilson Ethernet Utility.**
3. Select **GX-241 II** from the list and then click **Connect**.
4. Record the firmware version, which is displayed in the “Prom Version” column.

<i>Instrument Name</i>	<i>Firmware Version</i>
GX-241 ASPEC	
GX Rinse Pump	N/A

5. Acceptance

If no installation problems were detected or installation problems that were detected were resolved, have the local Gilson representative who installed the GX-241 ASPEC provide the information requested below.

Name _____

Organization _____

Signature _____

Date _____

☐ End user was provided with a copy of this document.