Installation Qualification Procedures

GX-274 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-274 ASPEC™	
Z-Arm	
GX Rinse Pump (Optional)	
*Refer to the shipping label, located on each shipping container, for this information. Check that it matches the serial number on the instrument.	

Supplier

Organization _____

Address _____

_____

_____

Phone Number _____

Fax _____

Service Technician _____

User

Organization _____

Department _____

Site (Room) _____

Date of Installation _____

Primary Contact _____

Name _____

Phone _____

E-Mail _____

2. Pre-Installation

Instrument Description

The GX-274 ASPEC™ is a single-probe X/Y/Z liquid handler that when paired with a VERITY® 4060 Single Syringe Pump or VERITY® 4260 Dual Syringe Pump can automate liquid handling procedures and solid phase extraction (SPE) procedures that use positive pressure elution for cartridge-based applications.

For technical specifications for the GX-274 ASPEC, refer to the **Chapter 1, Introduction** in the *GX-274 ASPEC™ User's Guide.*

Unpacking

When unpacking the instrument, check the contents against the information listed under the **Unpacking** heading in **Chapter 1, Introduction** in the *GX-274 ASPEC™ User's Guide.*

Retain all packing material so the GX-274 ASPEC may be shipped safely in the future.

Installation Site Requirements

Technical Specification	Definition	
Power Requirements	50 to 60 Hz	
	Voltage: 100 to 240V (Universal Input)	
	Current Rating	2A for 100 to 120V
		1A for 220 to 240V
	Power Consumption: 250W (Maximum)	
Temperature Range	5C° to 40°C	
Dimensions (W x D x H)	59.7 x 54.1 x 57.1 cm (23.5 x 21.3 x 22.5 in.)	
	NOTE Dimensions do not include the VERITY® 4260 Dual Syringe Pumps.	
	NOTE The height dimension does not include the Z-arm, which will vary depending on where the Z-arm is clamped.	

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Documents

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

LT26140CD	ASPEC™ Systems Documentation CD	
LT375011	GX-274 ASPEC™ IQ Procedures	
LT310180	QC Checklist - GX-274 ASPEC™	
LT310181	QC Checklist - GX-274 ASPEC™ Z-Drive	
LT255565	GX-274 ASPEC™ - China RoHS	
LT255568	GX-274 ASPEC™ System Setup Overview	
LT312270	GX-274 ASPEC™ Declaration of Conformity	
LT315018	Unpacking Instructions	

3. Installation

Locator Plate Setup

Refer to the appropriate procedures in *Chapter 2, Installation* in the *GX-274 ASPEC™ User's Guide.*

Z-Arm Setup

Refer to the appropriate procedures in *Chapter 2, Installation* in the *GX-274 ASPEC™ User's Guide.*

Plumbing Connections

Refer to the appropriate procedures in *Chapter 2, Installation* in the *GX-274 ASPEC™ User's Guide.*

Rear Panel Connections

Refer to the appropriate procedures in *Chapter 2, Installation* in the *GX-274 ASPEC™ User's Guide.*

Start Up

Refer to the appropriate procedures in **Chapter 3, Operation** in the *GX-274 ASPEC™ User's Guide.*

GX-27X Series Offset Utility

Refer to **Chapter 3, Operation** in the *GX-274 ASPEC™ User's Guide* for information on running the GX-27X Series Offset Utility (part number 2604710).

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 274 ASPEC** from the list and then click **Connect.**

4. Record the firmware version, which is displayed in the "Prom Version" column.

Instrument Name	Firmware Version*
GX-274 ASPEC™	

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-274 ASPEC provide the information requested below.

Name _____

Organization _____

Signature _____

Date _____

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

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