



1. Instrument/Component Identification

Manufacturer

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

INSTRUMENT NAME	SERIAL NUMBER*
ASPEC® 271	_____
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 Number	_____
Name of Gilson Representative	_____

User

Organization	<hr/>
Department	<hr/>
Site (Room)	<hr/>
Primary Contact Name	<hr/>
Phone	<hr/>
Email	<hr/>
Date of Installation	<hr/>

2. Pre-Installation

Instrument Description

The ASPEC 271 is a single-probe X/Y/Z liquid handler that when paired with a ASPEC® 4060 Single Syringe Pump or ASPEC® 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 ASPEC 271, refer to the *ASPEC® 271 User's Guide*.

Unpacking

The instrument is delivered with most major components already assembled. Keep the original container and packing assembly in case the instrument must be returned to the factory. When unpacking the instrument, check the contents against the information listed under the **Unpacking** heading in **Chapter 1, Introduction** in the *ASPEC® 271 User's Guide*.

Documents

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

PART NUMBER	DESCRIPTION	STORAGE LOCATION
LT26140USB	ASPEC® Systems Documentation USB	_____
LT310180	QC Checklist	_____
LT310181	QC Checklist Z-Drive	_____
LT255565	Hazardous Materials Declaration Document (China RoHS)	_____
LT255567	ASPEC® 271 System Setup Overview	_____
LT315018	Unpacking Instructions	_____

Installation Site Requirements

REQUIREMENT	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	5°C 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.)	
	<p>NOTE Dimensions do not include the ASPEC 4060 Syringe Pump or ASPEC 4260 Syringe Pump.</p> <p>The height dimension does not include the Z-arm, which will vary depending on where the Z-arm is clamped.</p>	

3. Installation

When setting up the ASPEC 271, follow the instructions provided in the *ASPEC® 271 User's Guide*.

Locator Plate Setup

Refer to the appropriate procedures in **Chapter 2, Installation** in the *ASPEC® 271 User's Guide*.

Z-Arm Setup

Refer to the appropriate procedures in **Chapter 2, Installation** in the *ASPEC® 271 User's Guide*.

Plumbing Connections

Refer to the appropriate procedures in **Chapter 2, Installation** in the *ASPEC® 271 User's Guide*.

Rear Panel Connections

Refer to the appropriate procedures in **Chapter 2, Installation** in the *ASPEC® 271 User's Guide*.

Start Up

Refer to the appropriate procedures in **Chapter 3, Operation** in the *ASPEC® 271 User's Guide*.

GX-27X Series Offset Utility

It is recommended to use this utility at the time of installation.

The GX-27X Series Offset Utility and instructions (LT319625) are provided on the Gilson Software USB located in the GX-27X Offset Utility Kit (part number 2604710).

4. Firmware Version

To obtain the firmware version for your records:

1. Install the Gilson Ethernet Utility that is provided on the Gilson Software USB with instructions.
2. Start the Gilson Ethernet Utility. Select **Start** and then select:
Gilson Applications > Gilson Ethernet Utility.
3. Select **GX 271 ASPEC** from the list and then select **Connect**.
4. Record the firmware version, which is displayed in the **Prom Version** column.

INSTRUMENT NAME	FIRMWARE VERSION
ASPEC® 271	_____

5. Acceptance

If no installation problems were detected or installation problems that were detected were resolved, have the local Gilson representative who installed the ASPEC 271 (if applicable) provide the information requested below.

Gilson Representative	_____
Organization	_____
Signature	_____
Date	_____
<input type="checkbox"/> End user was provided with a copy of this document.	