



ASPEC® 4X60 Single and Dual Syringe Pumps

INSTALLATION QUALIFICATION PROCEDURES

1. Instrument Identification

Manufacturer

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

| INSTRUMENT NAME | SERIAL NUMBER* | FIRMWARE VERSION* |
|---------------------------------|----------------|-------------------|
| ASPEC® 4060 Single Syringe Pump | _____ | _____ |
| ASPEC® 4260 Dual Syringe Pump | _____ | _____ |
| ASPEC® 4260 Dual Syringe Pump | _____ | _____ |

*Refer to the shipping label located on each shipping container for the serial number. Refer to the QC Checklist for the firmware version.

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® 4060 Single Syringe Pump and ASPEC® 4260 Dual Syringe Pump when paired with a ASPEC® 241, ASPEC® 271, or ASPEC® 274, can automate liquid handling procedures and solid phase extraction (SPE) using positive pressure elution in cartridge-based applications.

For technical specifications for the ASPEC 4060 Syringe Pump and ASPEC 4260 Syringe Pump refer to the *ASPEC® 4060 Single and ASPEC® 4260 Dual Syringe Pumps User's Guide*.

Unpacking

The syringe pump(s) are delivered with most major components already assembled. Keep the original container and packing assembly in case the syringe pump(s) must be returned to the factory.

To unpack each syringe pump:

1. Open the box and then remove the envelope inside.
2. Lift the syringe pump and foam inserts out of the box and then remove the foam inserts.
3. Remove the cardboard insert containing the accessories and the power supply.

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 | _____ |
| LT255569 | ASPEC System Setup Overview | _____ |
| LT309144 | Items Included Checklist | _____ |
| LT319210 | QC Checklist | _____ |
| LT255564 | Hazardous Materials Declaration Document (China RoHS) | _____ |

Installation Site Requirements

| REQUIREMENT | DEFINITION |
|--------------------------|---|
| Dimensions (W x D x H) | <p>ASPEC 4060 Syringe Pump 14.6 x 17.1 x 29.5 cm (5.8 x 6.7 x 11.6 in.)</p> <p>ASPEC 4260 Syringe Pump 22.6 x 17.1 x 29.5 cm (8.9 x 6.7 x 11.6 in.)</p> |
| Environmental Conditions | <p>Indoor use</p> <p>Altitude: up to 2000 m</p> <p>Temperature range: 5°C–40°C</p> <p>Humidity: Maximum relative humidity 80% for temperatures up to 31°C, decreasing linearly to 50% relative humidity at 40°C</p> |

ASPEC® 4060 SINGLE AND ASPEC® 4260 DUAL SYRINGE PUMPS INSTALLATION SITE REQUIREMENTS (CONTINUED ON PAGE 4)

| REQUIREMENT | DEFINITION |
|--------------------|--|
| Power Requirements | <p>ASPEC 4060 Syringe Pump Voltage: 24V DC Current Rating: 1A, 24W</p> <p>ASPEC 4260 Syringe Pump Voltage: 24V DC Current Rating: 2A, 48W</p> <p>External Power Supply Voltage Input Frequency: 50 to 60 Hz Voltage: 100-240V AC Voltage Output Voltage: 24V DC Current Rating: 2.5A, 60W</p> |
| Weight | <p>ASPEC 4060 Syringe Pump 4.7 kg (10.4 lbs.)</p> <p>ASPEC 4260 Syringe Pump 7.6 kg (16.7 lbs.)</p> |

3. Installation

When setting up the syringe pump follow the instructions provided in the *ASPEC® 4060 Single and ASPEC® 4260 Dual Syringe Pumps User's Guide*.

4. Acceptance

If no installation problems were detected or installation problems that were detected were resolved, have the local Gilson representative who installed the syringe pump (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. | |