



VERITY® 3011 Isocratic Pump

INSTALLATION QUALIFICATION PROCEDURES

The installation qualification (IQ) procedures are intended for end users who are implementing good laboratory practice (GLP) 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: VERITY® 3011 Isocratic Pump

Instrument Serial Number: _____

Supplier

Organization: _____

Address: _____

Phone Number: _____

Fax Number: _____

Name of Service Technician: _____

User

Organization: _____

Department: _____

Site (Room): _____

Date of Installation: _____

Primary Contact

Name: _____

Phone: _____

E-Mail: _____

2. Pre-Installation

Instrument Description

The VERITY® 3011 Isocratic Pump is a highly accurate pumping system delivering a virtually pulse-free, stable solvent flow for a wide variety of liquids, including high viscosity solvent. The pump allows for flow rates from 0.01 to 10 mL/min, depending on pump head, and pressures of up to 600 bar (8702 psi).

The VERITY 3011 Pump features the following system components:

- Quick-connect pump head that is easily interchangeable by users
- Integrated pulse dampener with pressure sensor
- Convenient prime/purge valve
- Intuitive touchscreen controller

For technical specifications, refer to the *VERITY® 3011 Isocratic Pump User's Guide*.

Unpacking

When unpacking the VERITY® 3011 Isocratic Pump, check the contents against the information listed under the **Unpacking** heading in the *VERITY® 3011 Isocratic Pump User's Guide*.

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

Installation Site Requirements

SPECIFICATION	DESCRIPTION
Electrical Specifications	Line Voltage 120 to 240 VAC
	Frequency 50 to 60 Hz
	Power Consumption 75 W
Physical Specifications	Operating Altitude Up to 2000 m (81 kPa or 604 mmHg)
	Operating Temperature 5°C to 40°C
	Operating Humidity Maximum relative humidity 80% for temperatures up to 31°C, decreasing linearly to 50% relative humidity at 40°C
	Weight 7.26 kg (16 lbs.) with pump head
	Dimensions (W x D x H) 27.1 x 41.2 x 17.3 cm (10.7 x 16.3 x 6.8 in.)

Documents

The following documents are provided. For reference purposes, specify the storage location for each.

LT38014USB DOC USB _____
LT380142 DECLARATION OF CONFORMITY _____
LT380143 CHINA ROHS _____
LIIC0004 ITEMS INCLUDED CHECKLIST _____
LQCC0009 QC CHECKLIST _____

3. Installation

When setting up the VERITY 3011 Pump, follow the instructions provided in the *VERITY® 3011 Isocratic Pump User's Guide*.

4. Software/Firmware Version

To obtain the software and firmware versions for your records:

1. Power on the pump.
2. On the **Home** screen, select **Settings**.
3. Select **Info**.

DESCRIPTION	VERSION
Software Version	_____
Controller Board Firmware Version	_____
Motor Board Firmware Version	_____

5. Acceptance

If no installation problems were detected or installation problems that were detected were resolved, have the local Gilson representative who installed the VERITY 3011 Pump (if applicable) provide the information requested below.

Gilson Representative: _____

Organization: _____

Signature: _____

Date: _____

End user was provided with a copy of this document.