



# INSTALLATION QUALIFICATION PROCEDURES

## MINIPULS® 3 Peristaltic Pump





**The enclosed 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	Serial Number Location
MINPULS® 3 Peristaltic Pump		Rear panel

### 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 MINIPULS® 3 Peristaltic Pump was specifically designed to meet process laboratory liquid handling needs.

For technical specifications, refer to the *MINIPULS® 3 User's Guide*.

### Unpacking

When unpacking the MINIPULS 3, check the contents against the information listed under the **Unpacking** heading in the *MINIPULS® 3 User's Guide*.

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

### Installation Site Requirements

Power Requirements	External Power Supply
Voltage Input	100–240V AC, 50 to 60 Hz
Voltage Output	24V DC, 1.7A, 41W
Temperature Range:	4°C–40°C
Dimensions without pump heads (W x D x H)	15.0 x 17.5 x 18.5 cm (5.9 x 6.9 x 7.3 in.)

Allow a minimum of 2.54 cm (1 in.) space behind the instrument for proper fan operation.

### Documents

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

- LT801121 USERS GUIDE, MINIPULS 3 \_\_\_\_\_
- LT255527 DECLARATION OF CONFORMITY MINIPULS 3 \_\_\_\_\_
- LQCC0004 QC CHECKLIST, MINIPULS 3 \_\_\_\_\_
- LIIC0005 ITEMS INCLUDED CHECKLIST, MINIPULS 3 \_\_\_\_\_

## 3. Installation

### Setup

When setting up the MINIPULS 3, follow the instructions provided in the *MINIPULS® 3 Setup 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 MINIPULS 3 (if applicable) provide the information requested below.

Gilson Representative: \_\_\_\_\_

Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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