



INSTALLATION QUALIFICATION PROCEDURES

171/172 Diode Array Detectors





The enclosed Installation Qualification (IQ) procedures are aimed at end users who are implementing GLP-type requirements. These procedures 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: 171 or 172 Diode Array Detector

Manufacturer Serial Number*: _____

* Refer to the shipping label, located on the shipping container, for this information. Check that it matches the serial number on the instrument.

Supplier

Organization: _____

Address: _____

Phone Number: _____ FAX Number: _____

Name of Service Technician: _____

User

Organization: _____

Department: _____

Site (Room): _____

Date of Installation: _____

Primary Contact ("Observer"): _____

Name: _____ Phone: _____

E-Mail: _____



2. Pre-Installation

Instrument Description

The Gilson 171 and 172 Diode Array Detectors are software-controlled absorbance diode array detectors. These detectors are intended to be used in a laboratory environment by trained technical personnel. Both detector models are compatible components of a Gilson modular HPLC system.

For technical specifications for the detectors, refer to **Chapter 1, Introduction** in the *171/172 Diode Array Detectors User's Guide*.

Unpacking

When unpacking the detectors, check the contents against the information listed under the **Unpacking** heading in **Chapter 1, Introduction**, of the *171/172 Diode Array Detectors User's Guide*.

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

Installation Site Requirements

Electrical requirements: 50–60 Hz
 100–240V AC
 100W

Temperature requirement: 5°–40° C

Minimum bench space (W x D x H): 26.5 x 43.5 x 15.6 cm (10.4 x 17.1 x 6.2 in)

Available Documents

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

LT180000CD 171/172 Diode Array Detectors Documentation CD _____

LT315020 171/172 Diode Array Detectors Setup Guide _____

LT312171 171/172 Diode Array Detectors Declaration of Conformity _____

The User's Guide and IQ Procedures are included on the 171/172 Diode Array Detectors Documentation CD.



3. Installation

Operating Environment

Read the information under the **Operating Environment** heading in *Chapter 2, Installation*, of the *171/172 Diode Array Detectors User's Guide*.

Rear Panel Connections

Perform the procedures under the **Rear Panel Connections** heading in *Chapter 2, Installation*, of the *171/172 Diode Array Detectors User's Guide*.

Flow Cell Assembly Installation

Perform the procedures under the **Flow Cell Assembly Installation** heading in *Chapter 2, Installation*, of the *171/172 Diode Array Detectors User's Guide*.

Plumbing Connections

Perform the procedures under the **Plumbing Connections** heading in *Chapter 2, Installation*, of the *171/172 Diode Array Detectors User's Guide*.

Operation

Refer to *Chapter 3, Operation*, in the *171/172 Diode Array Detectors User's Guide* for information on operating the detectors.

Installer/Observers

Have the person who installed the detector insert the information requested below.

Name: _____

Signature: _____

Date: _____

Have the people who were present for the installation insert the information requested below.

Name	Title or Position
_____	_____
_____	_____
_____	_____
_____	_____



4. Summary

Acceptance

No installation problems were detected or installation problems that were detected were resolved.

The undersigned **installer** attests that the above statement is true and that a copy of this document was received.

Name: _____

Organization: _____

Signature: _____

Date: _____

The undersigned **observer** attests that the above statement is true and that a copy of this document was received.

Name: _____

Organization: _____

Signature: _____

Date: _____