



VERITY® 1741 UV-VIS Detector

INSTALLATION QUALIFICATION PROCEDURES

1. Product Identification

Manufacturer

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

INSTRUMENT NAME	SERIAL NUMBER*
VERITY® 1741 UV-VIS Detector	_____

*THE SERIAL NUMBER IS LOCATED ON THE REAR PANEL OF THE DETECTOR

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 VERITY® 1741 UV-VIS Detector is for use in semi-preparative to preparative high performance liquid chromatography (HPLC) purification systems and provides multiple-wavelength scanning detection from 200–800 nm. The VERITY 1741 Detector is controlled via its front panel or TRILUTION® LC Software as a component in an HPLC system. Multiple, different wavelengths can be used to simultaneously trigger fraction collection. With the real-time spectra display in TRILUTION LC, users can quickly identify co-eluting impurities and other purification issues. By offering an extensive range of flow cell pathlengths, a wide array of applications is possible. The VERITY 1741 Detector has long-lasting lamps, lamp life counters, and interchangeable flow cells.

Unpacking

The detector is delivered with most of the major components already assembled. Retain all packing material so the detector may be shipped safely in the future. Store the installed test cell after removal as it is used when testing the lamp.

Documents

Product user documentation is supplied on a documentation USB. For reference purposes, specify the storage location of the USB.

PART NUMBER	DESCRIPTION	STORAGE LOCATION
LT1416USB	VERITY® 1741 UV-VIS Detector Documentation USB	

Installation/Operating Environment

Place the detector in a suitable location that satisfies the following conditions:

- Level surface.
- Keep at least 10 cm space behind the rear of the detector.
- Keep away from equipment generating a strong magnetic field.
- Sunlight does not shine directly on the instrument.
- Equipment is intended for use in regular laboratory environment only.

Installation Site Requirements

SPECIFICATION	DEFINITION OR VALUE
Power Requirements	Voltage: 100–240 V AC Frequency: 50/60 Hz
Power Input	100 VA
Environmental Conditions	Indoor use only Altitude: up to 2000m Temperature: 5°C–40°C Humidity: maximum relative humidity 80% for temperatures up to 31°C decreasing linearly to 50% relative humidity at 40°C Voltage fluctuations: up to ± 10% of nominal voltage Overvoltage category I Pollution degree 2
Dimensions (W x H x D)	28.5 cm x 14.9 cm x 50 cm (11.2 x 5.9 x 19.7 in.)
Weight	7.5 kg (16.5 lb.)

3. Installation

When setting up the VERITY 1741 Detector, follow the instructions provided in the *VERITY® 1741 UV-VIS Detector 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 VERITY 1741 Detector (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.	