



Disposables and Accessories

Intended Use

The **PREVI Isola** is an automated device intended to perform the inoculation and streaking of Pre-Poured Media (PPM) with liquid microbiological samples.

System Components

The main system components are:

- an instrument with an internal computer and touch-screen
- a standalone computer - workstation
- two types of cassettes (input, output)
- five types of sample racks
- consumables (**PREVI Isola** Applicators, **PREVI Isola** Tips, **PREVI Isola** Labels, **PREVI Isola** Waste Bins)

Environmental Considerations

The **PREVI Isola** is intended for indoor use only.

Installation category: II.

Pollution degree: 2.

Sound level: 60.4 dB(a)

Temperature

Operating temperature: 15° C to 30° C (59°F – 86 °F) (room temperature)

Storage temperature: - 20° C to + 60° C (- 4°F – 140°F)

Humidity

Relative humidity: 20% to 80% non-condensing

During storage and shipping: Maximum of 80% non-condensing

Altitude

Maximum altitude (Operating): Up to 2,000 m (above sea level)

Workstation

The workstation is composed of:

- 1 computer
- 1 screen
- 1 keyboard
- 1 mouse
- 1 barcode reader

Note:

Since the **PREVI Isola** system operates on a Microsoft Windows OS, it can be connected to an external printer compatible with Microsoft Windows.



Sample Racks

Test samples are loaded in racks designed to accept one of five types of containers. The racks are then placed in the sample tray located on the front right-hand side of the **PREVI Isola**.

Each type of rack has an associated minimum and maximum fill volume.

		Part Number
PREVI Isola Rack 1		29703
PREVI Isola Rack 6 (eSwab)		29704
PREVI Isola Rack 2		29705
PREVI Isola Rack 4		29706
PREVI Isola Rack 5		29707

Disposables and Accessories



Input Cassettes 29712



The **PREVI Isola** is equipped with five input cassettes, designed to hold up to 30 plates each, including bi-plates.

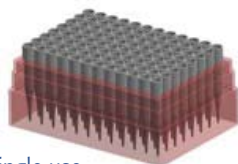
Output Cassettes 29713



The **PREVI Isola** is equipped with three output cassettes, designed to hold up to 30 plates each.

PREVI Isola Tips 29508

- 96 tips per box
- 50 boxes per case



The **PREVI Isola** Tips are designed for single use (1 tip = 1 sample).

PREVI Isola Applicator cartridge 29509

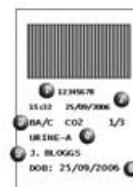
Applicator cartridge



The **PREVI Isola** Applicator cartridges are pre-loaded with 120 applicators per cartridge (8 cartridges per case). One applicator is used per plate. Applicator simulates 16 loops all streaking simultaneously.

PREVI Isola Labels 29720

- 1,500 labels per roll
 - Rolls sold individually
1. Sample ID
 2. Processing time and date (hr:mm MM/DD/YYYY)
 3. Agar Type
 4. Plate Panel (15 characters)
 5. Patient name (first 15 characters)
 6. Patient's date of birth (MM/DD/YYYY)



A barcode label (30mm x 25mm), machine and human readable, is applied to the base of each plate after completion of processing and prior to re-inversion of the base and reapplication of the lid.

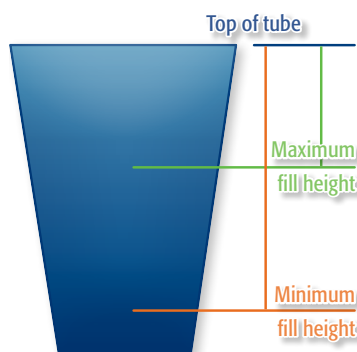
PREVI Isola Waste Bins 29718

Bins for applicators and tips sold in packages of 10

Hepa Filter Part Code 29711

	Laboratory Information System
BCI	Bi-directional Computer Interface (BCI -RS232 or BCI Net), a bridge to LIS
Workstation	User interface application which runs on a PC that is separate from the instrument
Data Server	The database holding amongst other things, the plate panel definitions, and the sample assignments
PREVI Isola	The plate processing instrument
LAN	Local Area Network

Sample tubes compatible for use with the PREVI Isola



Fill heights

The Maximum Fill Height is defined so as not to pollute the pipettor body.
The Minimum Fill Height is defined to enable the pipettor to aspirate 95 µl.
All specimens loaded on instrument must be in liquid form.

Tube Description	Supplier's Part Code	Volume (ml)	Total Height (mm)	Rack Type	Min Volume (ml)	Min Height (mm)	Max Volume (ml)	Max Height (mm)	Diameter (mm)	Bottom Shape
Greiner VITEK® 2 Tube	69285	6	74.6	1	1.9	35.6	2.9	48.9	12.8	Round
Copan eSwab	480CE	1	80	6	1.0	40	4.0	69	13	Flat
Sarstedt Monovette Tube	10.252 & 10.253	10	102	2	6.0	24	9.0	50	15	Flat
Sarstedt 10 mL tube	62.9924.283	10	100	2	5.5	21	9.0	50	16	Conical
Becton Dickinson Vacutainer	364948	10	100	2	6.5	20	10	45	16	Round
Starplex Urine Container	B902.10	90	76	4	33	22	70	50	43	Flat
Sarstedt Cup	TP 30-001 or TP 30-004	40	69.2	5	18	10	37	41	29.8	Flat

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