

Bioreactor (#51315/50351)

1. Description

SPL Life Sciences Bioreactors are designed to cultivate mammalian cells and microorganism under suspension condition. Tubes are sterilized after complete packaging to eliminate contamination. The air circulation within the reactor can be controlled by the dial on the center of the reactor cap, providing 4 levels of ventilation.

2. Features

- ❖ Four different sizes of ventilation (dial type) on the cap
- ❖ 0.2 µm hydrophobic acrylic copolymer filter membrane
- ❖ 15/50 ml conical tube size
- ❖ Suitable for suspension culture

3. Functional Test

Sterilized	:	Passed
Cytotoxicity	:	Passed
Non-Pyrogenic	:	Passed
RNase/DNase free	:	Passed
DNA free	:	Passed

4. Product Range

Cat. No.	Material (Body / Cap / Filter / Mesh)	Cap Type	Total Volume (ml)	Surface Treatment	Sterile	Packaging
51315	PP / HDPE / ACRYLIC / PS	Filter (Dial)	15.00	-	+	3 / 90
50351	PP / HDPE / ACRYLIC / PS	Filter (Dial)	50.00	-	+	3 / 90

5. Certification

SPL Life Sciences hereby certifies that the product identified above, inspected to be in compliance with product quality specification and requirements as documented in our ISO 9001:2015 Quality Management System (K-QA-Q031478) in Korea.

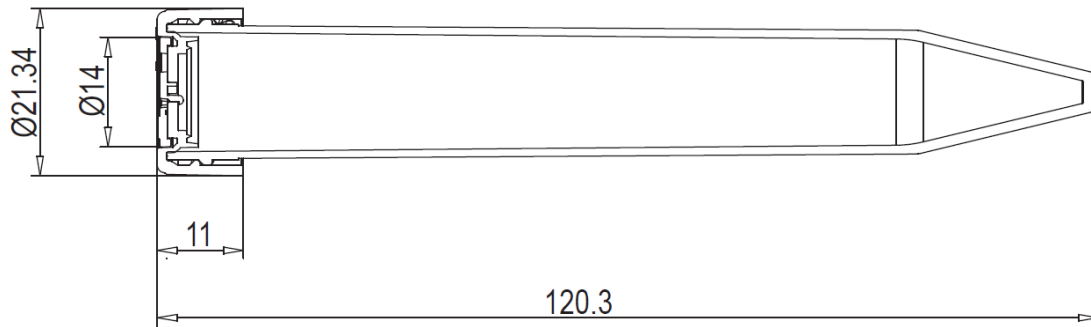
6. Specifications & Technical Drawing

(1) 15 ml Bioreactor (# 51315)

- Specifications

Dimensions		Material (Resin)	Packaging
Cap	Body		
Cap Diameter: 21.34 mm Dial Diameter: 14.00 mm Height: 11.00 mm	Diameter: 15.50 mm Height: 119.10 mm	<ul style="list-style-type: none"> ▪ Body: Polypropylene ▪ Cap: High Density Polyethylene ▪ Dial: Polystyrene 	<ul style="list-style-type: none"> ▪ Pieces/Sleeve: 3 ▪ Pieces/Case: 90

- Technical Drawing

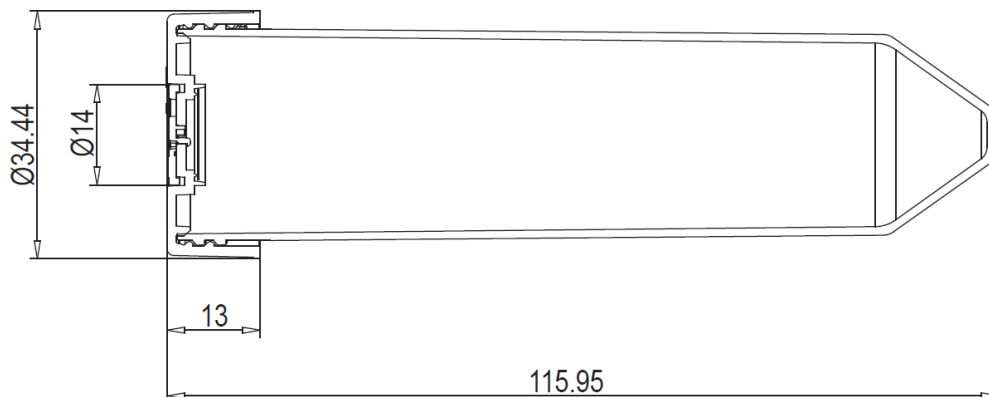


(2) 50 ml Bioreactor (# 50351)

- Specifications

Dimensions		Material (Resin)	Packaging
Cap	Body		
Cap Diameter: 34.44 mm Dial Diameter: 14.00 mm Height: 13.00 mm	Diameter: 27.52 mm Height: 114.50 mm	<ul style="list-style-type: none"> ▪ Body: Polypropylene ▪ Cap: High Density Polyethylene ▪ Dial: Polystyrene 	<ul style="list-style-type: none"> ▪ Pieces/Sleeve: 3 ▪ Pieces/Case: 90

- Technical Drawing



www.spllifesciences.com

For technical assistance, contact SPL R&D Center at:

Tel: +82-31-533-4800; Fax: +82-31-533-1430; e-mail: spl@ispl.co.kr

To place an order, contact your local distributor or

Tel: +82-31-533-4800; Fax: +82-31-533-1430; e-mail: business@ispl.co.kr