

90 mm Petri Dishes (Extra Height)

Petri dishes are the most basic and commonly used culture tools in microbiological laboratories for various operations such as inoculation and isolation of bacteria, as well as culturing of fungi, bacteria and other microorganisms. The gap between dish wall and cover has been reduced on Jet Biofil's newly released 90 mm Petri Dish (Extra Height); the extra height version also has more weight compares to the original version. Additionally, the positioning rings of the dish cover and bottom have been moved outwards, to achieving more better stabilization on automatic media dispenser either in laboratories or workshops.

Specification: 90 mm

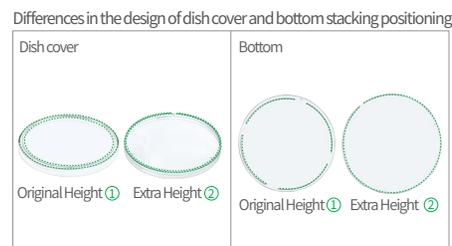
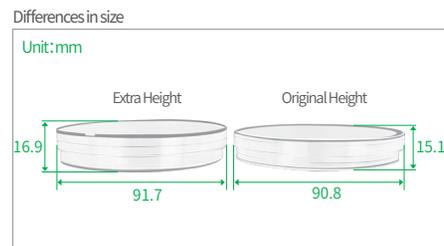
Type: Extra Height, without gear ring

Material: polystyrene (PS), conforming to USP Class VI standards



Difference Between Extra Height and Original Height Dishes

Name of Petri Dish	90 mm Petri Dish	90 mm Petri Dish (Extra Height)
Height	15.1mm	16.9mm
Diameter	90.8mm	91.7mm
Maximum Capacity	70ml	75ml
Weight	12g	15g
Stacking Positioning Design	Settling design of dish cover; discontinuous annular protrusion at the bottom ①	Annular protrusion on both the dish cover and bottom edge ②
Anti-contamination Design	Inverted culture to form a Pasteur Swan-neck Structure that helps in preventing contamination 	The gap between the dish wall and cover has been narrowed to improve gas exchange while preventing contamination
Adaptation to Automation	More suitable for the filling production line of plates	More suitable for automatic media dispenser



Features of 90 mm Petri Dishes (Extra Height)

- High-transparent polystyrene material for flat and smooth bottom and good optical clarity
- Higher height, diameter and capacity for larger filling volume and more flexible filling height
- Thicker walls and greater weight enabling stable petri dishes when rotating with the turntable of media dispenser
- The edge design of the positioning ring supporting stable stacking and avoiding misjudgment and missed reading of colony counter caused by the bottom aperture
- Three air-permeable edges inside the dish cover, and the reduced gap between the dish wall and the dish cover combined, and facilitating gas exchange and ensuring sterile conditions
- Suitable for manual laboratory operation and compatible with mainstream automatic media dispenser
- Sterilized by irradiation, SAL 10⁻⁶ or SAL 10⁻³
- DNase/RNase-free, non-pyrogenic

Ordering Information

90 mm Petri Dish (Extra Height)

Cat. No.	Specification (mm)	Surface Area (cm ²)	SAL	Per/Bag	Per/Case
MCD300090	90 (Extra Height)	58.3 cm ²	10 ⁻³	20	500
MCD310090	90 (Extra Height)	58.3 cm ²	10 ⁻⁶	20	500

