

## TISSUE CULTURE RACK PTE-TCR-317



### KEY FEATURES

- **Efficient Space Utilization:** Multi-tier design allows cultivation of a large number of culture flasks and bottles in limited floor space.
- **Uniform Illumination:** Each shelf is fitted with fluorescent or LED light tubes ensuring uniform light intensity across all levels.
- **Adjustable Shelves:** Removable and height adjustable shelves to accommodate different culture container sizes.
- **Energy Efficient:** Low power consumption LED/fluorescent lighting with digital timer control.
- **Sturdy Construction:** Made of powder-coated mild steel or stainless steel with smooth finish for corrosion resistance. Size ( 50 mm sq pipe)
- **Castor Wheels:** Heavy-duty castor wheels for easy mobility and positioning. (Optional)
- **PhotoPeriodicTimer** Digital timer for automatic ON/OFF of illumination cycles to simulate day/night conditions.

### TECHNICAL MATRIX

Parameter	Specification
Construction Material	Mild Steel powder coated / Stainless Steel (SS 304)
Shelves	4 to 5 tiers (customizable)
MOC Shelves	Hylem Sheet
Lighting Type	LED / Fluorescent Tube Lights Incandescent Bulb/ UV light (Optional)
Light Intensity	3000–5000 Lux (uniform across tiers)
Timer Controller	0–24 hour digital timer for light cycles
Power Supply	230V ±10%, 50Hz, Single Phase