



## TISSUE CULTURE RACK

Our tissue culture racks are widely used for various tissue culture laboratory applications. We specialize in both standard and customized models, specifically designed to meet the challenging demands of various scientists, industries and specialized research applications. Tissue Culture Rack is used extensively for tissue culture plants and other tissue culture work in tissue culture room.



### SAILENT FEATURES

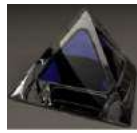
- Tissue Culture Rack made out of mild steel tubular frame duly powder coated for protection against humidity and corrosion.
- Distance between shelves to shelves is 14" to 16" (As per application and light intensity required)
- Size of each shelf is 48" x 18" / 48" x 24" / 72" x 18" (Select model)
- Holding capacity of rack's each shelf is from 15 Kgs approx
- Flicker free fluorescent light (With Electronic Ballast) fitted per culture shelf for each rack.
- Minimum heating effect/heat dissipation
- Energy saver with individual switching arrangement for each shelf.
- Designed and manufactured in such a manner that there are no sharp edges
- Separate control panel for each rack

### SPECIFICATION

Model	SAII-TCR-3	SAII-TCR-4	SAII-TCR-5	SAII-TCR-6	SAII-TCR6-4	SAII-TCR2-4
Total no. of Shelves	4	5	6	7	5	5
No of Culture Shelves	3	4	5	6	4	4
Total No. of fluorescent tube	4 ft x 6 no	4 ft x 8 no	4 ft x 10 no	4 ft x 12 no	3 ft x 16 no	4 ft x 12 no
Distance between shelves	14" to 16"					
Size of each shelf	48" x 18"		72" x 18"			48" x 24"
Height of rack (Approx)	46"	60"	74"	88"	60"	60"

### Optional (Additional Features) :

- UV germicidal light for shelf
- Two additional fluorescent light (With Electronic Ballast) for each culture shelf
- Two LED light of 4 feet fitted for each culture shelf instead of fluorescent light
- Four incandescent lamp (bulb) per culture shelf for each rack



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- 1 no automatic 0-24 hour digital control photo periodic timer supplied with the rack can be programmed for weekly day / night cycle or continuous operation as required. (Separate timer for each shelf can also be installed as per user requirement)
- Photosynthetic light bank having red, blue and green spectrum light for research and commercial application
- Photosynthetic light bank having light intensity of  $200 \mu\text{mol m}^{-2} \text{s}^{-1}$  /  $500 \mu\text{mol m}^{-2} \text{s}^{-1}$  /  $800 \mu\text{mol m}^{-2} \text{s}^{-1}$  (User must choose out of 3 light intensity specified to receive quote)
- SS 304 shelf
- 3mm thick hylem sheet/ sun mica paste board / glass fixed on top of shelf surface
- Rack mounted on Lockable Castor Wheels for ease of movement
- Side and back walls for enclosed rack, made of MS duly powder coated
- LUX meter to measure light intensity
- Dimmer to vary light intensity of LED lights



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