

# Cell/Tissue Culture and Cell Transfection

## Apparatus and consumables - TC-treated multi-layer flasks



### Cell factories, polystyrene, Thermo Scientific Nunc®, Nunclon™ Δ



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For industrial scale production of vaccines, monoclonal antibodies or pharmaceuticals etc.

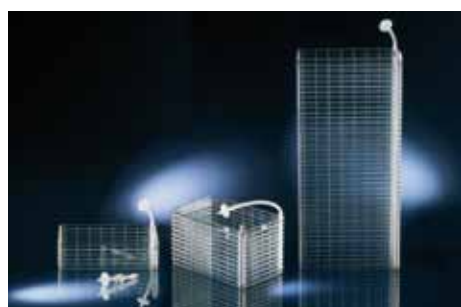
- Ideal for adherent cells: can be used for suspension culture
- Low contamination risk
- Compact design - length 335mm, width 205mm
- Certified Nunclon™ Δ ensures consistent cell growth layer to layer
- Growth kinetics unaltered from laboratory scale culture

\* Autoclavable

Catalogue No	Alt. No	No. of trays	Culture area, cm <sup>2</sup>	Suggested working volume, mL	Pack qty
<b>TKT-170-070E</b>	167695	2	1,264	400	5
<b>TKT-170-011U</b>	140004	4	2,528	800	10
<b>TKT-170-030Q</b>	164327	10	6,320	2,000	2
<b>TKT-170-090V</b>	170009	10	6,320	2,000	6
<b>TKT-170-010W</b>	139446	40	25,280	8,000	2

#### Accessories

Catalogue No	Alt. No	Description	Pack qty
<b>TKT-200-150B</b>	170769	Start-up kit, includes HDPE connector, adapter caps, blue (sealing) CF caps, a Gelman 4210 bacterial air vent (filter) tubing and clamp	1
<b>TKT-200-190M</b>	171838	Connector, Teflon®	1
<b>TKT-200-283F</b>	173248	Gelman filter with PE connector	2
<b>TKT-200-300Y</b>	179553	Air vent filter	10



### Cell factories, polystyrene, for active gassing, Thermo Scientific Nunc®, Nunclon™ Δ



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For industrial scale production of vaccines, monoclonal antibodies or pharmaceuticals.

- The patented gas-flow system secures a controlled atmosphere in the culture trays by equal distribution of user-specified gas-mix actively pumped through the pre-mounted filter
- For culturing and nursing of cells via controlled gas distribution
- Certified Nunclon™ Δ surface treatment ensures excellent conditions for cell attachment and growth
- Growth kinetics unaltered from laboratory scale culture
- Available in 4, 10 and 40 tray versions for easy scale-up
- Low contamination risk
- Compatible with existing manually and automated handling equipment from Nunc
- Individually packed

Catalogue No	Alt. No	No. of trays	Culture area, cm <sup>2</sup>	Suggested working volume, mL	Pack qty
<b>TKT-180-239G</b>	173239	4	2,528	800	10
<b>TKT-180-238Y</b>	173238	10	6,320	2,000	6
<b>TKT-180-240V</b>	173240	40	25,280	8,000	2

#### Accessories

Catalogue No	Alt. No	Description
<b>TKT-180-300G</b>	167525	Filter adapter cap, sterile