

Cell/Tissue Culture and Cell Transfection

Cell storage systems - Sampling handling, 2D

Tube racks, cluster, grid-referenced and twist-lock, polypropylene, Thermo Scientific Matrix SmartScan™

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Catalogue No	Alt. No	Description
TUC-220-020X	AB-1186	Cluster rack, mark 2 for 0.65mL tubes (flat V) non-stack low profile 96 tube rack/lockable lid
TUC-220-060C	AB-1187	Cluster rack, mark 2 for 0.65mL tubes (flat V) non-stack 96 tube rack plus multisip plugs
TUC-220-010R	AB-1188	Cluster rack, mark 2 for 0.65mL tubes (flat V) loose
TUC-200-020F	AB-1047	Cluster rack, mark 1 stackable 96 tube rack with lockable lid for 1.2mL tubes (flat V)
TUC-200-030C	AB-1048	Cluster rack, mark 1 for 1.2mL tubes (flat V) stackable 96 tube rack with lockable lid plus multisip plugs
TUC-210-020V	AB-1148	Cluster rack, mark 2 stackable 96 tube rack with lockable lid for 1.2mL tubes (flat V)
TUC-210-040P	AB-1149	Cluster rack, mark 2 for 1.2mL tubes (flat V) stackable 96 tube rack with lockable lid plus multisip plugs
TUC-210-010B	AB-1150	Microtube, mark 2 flat V 1.2mL loose
TUC-210-060J	AB-1180	Cluster rack, mark 2 for 1.2mL tubes (flat V) non-stack MK5 96 tube rack with lockable lid plus multisip plugs
TUC-210-080D	AB-1185	Cluster rack, mark 2 for 1.2mL tubes (flat V) non-stack MK5 96 tube rack with lockable lid
TUC-240-010D	AB-1228	Cluster rack, for 1.2mL tubes (flat V) grid ref 96 tube rack with lockable lid
TUC-240-020A	AB-1229	Cluster rack, for 1.2mL tubes (flat V) grid ref 96 tube rack with lockable lid plus multisip plugs
TUC-250-010T	AB-1248	Cluster rack, for 1.0mL tubes twist lock 96 tube rack with caps
TUC-250-080V	AB-1249	Cluster rack, for 1.0mL tubes twist lock 96 tube rack without caps
TUC-111-010D	AB-1250	Twist-lock caps, 960
TUC-111-210S	AB-1312	Twist-lock Cap-It removal tool



Tube racks, 0.5mL, polypropylene, twist-lock, with and without grid-reference, Thermo Scientific Matrix SmartScan™

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Sample collection, storage of precious samples including DNA, blood, cell lines and tissue, sample tracking.

- Internal thread design 'locks in' with the cap in two distinct positions, providing robust 100% sealing down to -180°C
- Twist-lock caps are moulded out of a proprietary material which seals even more tightly at cold temperatures
- Encapsulated 2D Matrix™ code on each tube base provides robust sample management and tracking: all codes guaranteed to be unique
- Tube working volume 450µL when capped (400µL recommended when freezing)
- Lockable racks comply with SBS guidelines and have reduced heights to maximise available freezer space
- Internal gripping teeth on the rack and tube allow caps to be applied and removed from tubes whilst still located in the rack
- All components are cleanroom produced
- Two tools available for manipulating tubes and caps: Twist-lock tool and Twist-lock Cap-It grid-referenced tubes feature an alphanumeric
- Matching castellations on the rack and tube allow the caps to be applied and removed from tubes whilst still located in the castellatus



SmartScan™ twist-lock tube racks feature a unique 2D Matrix™ code encapsulated behind a polished polypropylene window, ideal for 100% sample tracking and identification when used in conjunction with the Thermo Scientific range of SmartScan™ readers.

Twist-lock tube racks are suitable for storage at -20°C, -80°C and in vapour phase liquid nitrogen. Twist-lock tubes and caps can be easily handled and accessed using the Twist-lock Cap-It. The Cap-It is available free of charge with Twist-lock racks. There is a patent pending for the internal thread design.

Please note that immersion of tubes and racks in liquid nitrogen introduces safety and contamination risks. As a result it is recommended that Twist-lock tube racks be stored in vapour phase liquid nitrogen only.

Catalogue No	Alt. No	Description	Pack qty
TUC-111-010D	AB-1250	Twist-lock caps	960
TUC-111-210S	AB-1312	Twist-lock Cap-It removal tool	1
TUC-260-010M	AB-1313	0.5mL SmartScan™ twist-lock tube rack with natural caps	10
TUC-260-110Y	AB-1314	0.5mL SmartScan™ twist-lock tube rack (without caps)	10
TUC-109-020F	AB-1315	0.5mL SmartScan™ grid-referenced twist-lock tube rack with natural caps	10