

Thermo Scientific 2D Barcoded Storage Solutions Reference

Ideal choices for reliable, efficient
sample processing and storage.

Improve Efficiencies

with Thermo Scientific 2D Barcoded Storage Solutions



High Speed 2D Barcode Reader rapidly decodes a full rack or a single storage tube



SR (Single Rack) 2D Barcode Reader decodes a rack of storage tubes in under 10 seconds



ST (Single Tube) 2D Barcode Reader instantly scans a single tube into virtually any application



Wireless 2D Barcode Reader for basic sample screening in labs, cold rooms or the field

Guarantee sample traceability

Ensure sample integrity

Speed workflow

Whether the need is for a simple system for a basic lab or a sophisticated system for an automated environment, a 2D Thermo Scientific solution is available.

Thermo Scientific tubes and equipment are tested together to ensure sample traceability, sample security and optimal performance.

Thermo Scientific 2D Barcode Readers

Ensure fast, accurate sample tracking

- Choose from a range of user-friendly Thermo Scientific VisionMate Readers to meet most every budget and performance need
- Small footprint, low profile readers conserve valuable lab space

Cat No.	Description
AB-1850	VisionMate® High Speed 2D Barcode Reader
AB-1860	VisionMate High Speed 2D Barcode Reader Linear Barcode Accessory
3115	VisionMate SR 2D Barcode Reader
3125	VisionMate ST 2D Barcode Reader
3122	VisionMate Wireless 2D Barcode Reader

Thermo Scientific and The Automation Partnership (TAP) Capit-All Copper/Decapper processes a rack of tubes in under 10 seconds



Automation friendly Capit-All® IS Copper/Decapper is tested to 10,000 cycles



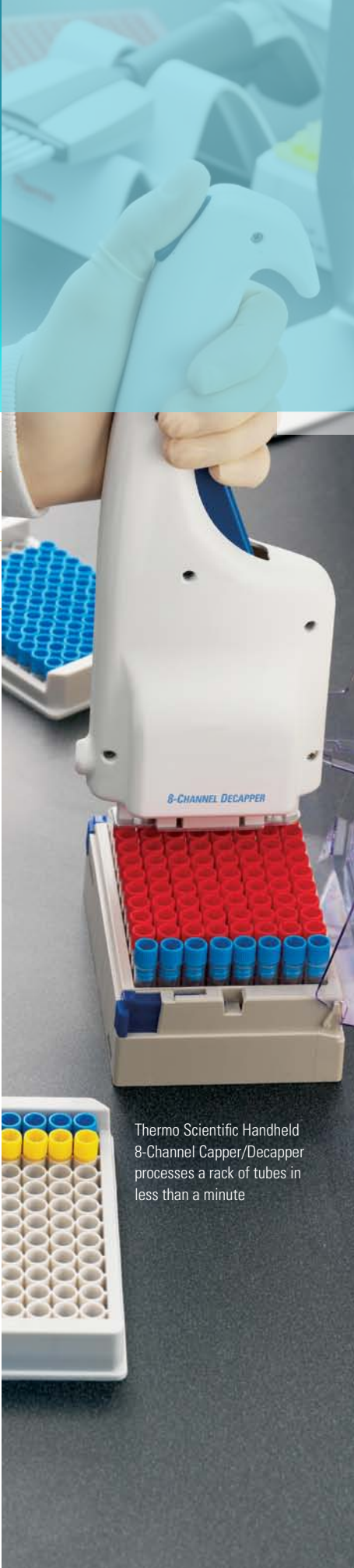
Thermo Scientific Screw Top Cap Capping/Decapping

Accelerate processing while ensuring sample integrity

- Tighten screw top caps to the optimal tightness (torque) to prevent sample loss
- Reduce the risk of repetitive stress injuries (RSI)

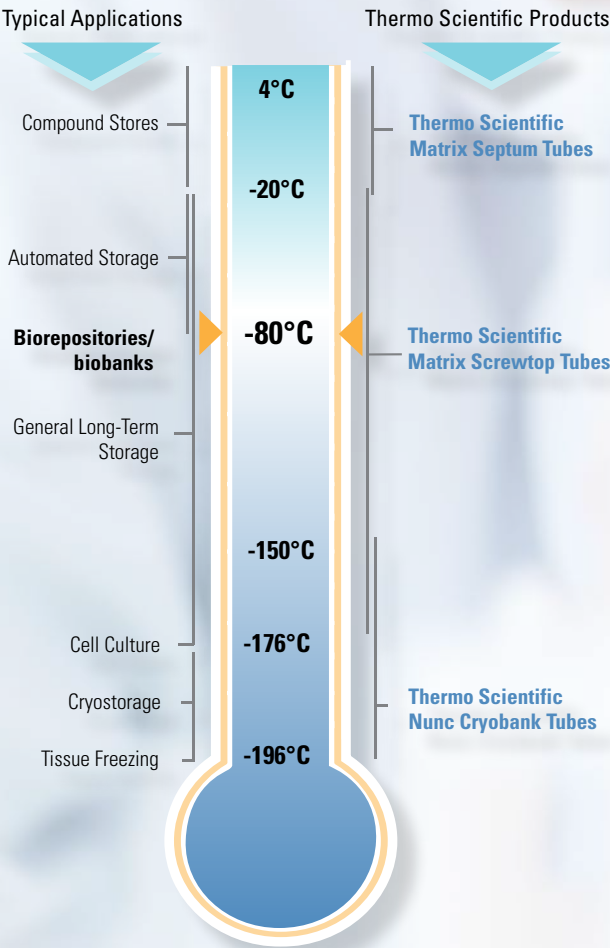
Cat No.	Description
4105MAT	Thermo Scientific 8-Channel Screw Cap Copper/Decapper, Thermo Scientific Matrix 48-way and 96-way Tubes
4105NUN	Thermo Scientific 8-Channel Screw Cap Copper/Decapper, Thermo Scientific Nunc 48-way and 96-way Tubes
4111MAT	Capit-All Screw Cap Copper/Decapper Matrix 96-way Tubes
4111NUN	Capit-All Screw Cap Copper/Decapper, Nunc 96-way Tubes
4114NUN	Capit-All Screw Cap Copper/Decapper, Nunc 48-way Tubes
4111MAT-IS	Capit-All IS Integration-Friendly Screw Cap Copper/Decapper, Matrix 96-way Tubes
4111NUN-IS	Capit-All IS Integration-Friendly Screw Cap Copper/Decapper, Nunc 96-way Tubes

*Other configurations available.
Ask your sales representative for details.*



Thermo Scientific Handheld 8-Channel Copper/Decapper processes a rack of tubes in less than a minute

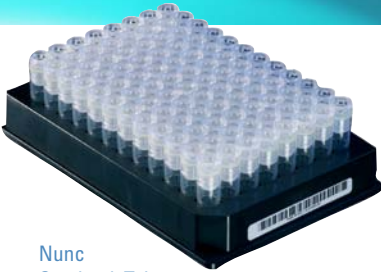
Thermo Scientific 2D barcoded tubes are available for most every sample storage temperature.



2D Barcodes



- All Thermo Scientific 2D barcodes are unique – no duplicates!
- Laser-etched, permanently affixed to tube for traceability – won't fall off
- High-contrast; readable even when partially frosted



Nunc
Cryobank Tubes

Thermo Scientific Nunc Cryobank Tubes

Material: All Virgin Class VI Medical Grade
Tubes: Polypropylene
Caps: Polypropylene with colorants
O-rings: Thermoplastic elastomer (Nunc Cryobank tubes); Silicone (Matrix ScrewTop tubes)

Ideal for cryostorage. Recommended for use from -150°C to -196°C in the vapor phase of liquid nitrogen.







Cat. No.	Volume	Description	Color	Quantity
374086	0.5 ml	Screw top tubes, sterile	Natural	10 racks of 96 tubes/case
374027	0.5 ml	Screw top tubes, sterile	Green	10 racks of 96 tubes/case
374026	0.5 ml	Screw top tubes, sterile	Red	10 racks of 96 tubes/case
374025	0.5 ml	Screw top tubes, sterile	Blue	10 racks of 96 tubes/case
374088	1 ml	Screw top tubes, sterile	Natural	10 racks of 96 tubes/case
374110	1 ml	Screw top tubes, sterile	Green	10 racks of 96 tubes/case
374120	1 ml	Screw top tubes, sterile	Red	10 racks of 96 tubes/case
374130	1 ml	Screw top tubes, sterile	Blue	10 racks of 96 tubes/case
374221	2 ml	Screw top tubes, sterile	Natural	10 racks of 48 tubes/case
374220	5 ml	Screw top tubes, sterile	Natural	10 racks of 48 tubes/case



Matrix
ScrewTop Tubes

Thermo Scientific Matrix ScrewTop Tubes

Ideal for biobanking. Recommended for use at temperatures from -80°C to -150°C.

Cat. No.	Volume	Description	Autoclavable	Bulk	Quantity
3743	0.5 ml	ScrewTop® tubes w/caps installed, V-bottom, sterile 	without caps	•	10 bags of 48 tubes/case
3744	0.5 ml	ScrewTop tubes w/caps installed, V-bottom, sterile 	without caps		5 latch racks of 96 tubes/case
3745	0.5 ml	ScrewTop tubes, V-bottom, sterile	•		5 latch racks of 96 tubes/case
3746	0.5 ml	ScrewTop tubes, V-bottom, sterile	•	•	10 bags of 48 tubes/case
4900	0.5 ml	Latch rack, empty	•		5 racks
3740	1 ml	ScrewTop tubes w/caps installed, V-bottom, sterile 	without caps	•	10 bags of 48 tubes/case
3741	1 ml	ScrewTop tubes w/caps installed, V-bottom, sterile 	without caps		5 latch racks of 96 tubes/case
3742	1 ml	ScrewTop tubes, V-bottom, sterile	•		5 latch racks of 96 tubes/case
4897	1 ml	Latch rack, empty	•		5 racks
4470		ScrewTop caps, sterile 		•	500 caps/case
4477		ScrewTop cap tray 			5 trays of 96 caps/case
4906		ScrewTop cap tray, empty			5 trays/case



Color caps available — see colored capping options

Thermo Scientific Matrix Septum Tubes



Tube Material: Virgin Class VI Medical Grade Polypropylene

Septa Cap Material: Virgin Class VI Medical Grade Thermoplastic Elastomer

Recommended for use at ambient temperatures to -20°C.

Cat. No.	Volume	Description	Sterile	Autoclavable	Rack type	Quantity
3750	0.5 ml	Bulk tubes w/Duraseals installed, V-bottom				1,000/case
3734	0.5 ml	Tubes, racked, V-bottom		yes	latch	10 racks of 96 tubes/case
3735	0.5 ml	Tubes, racked, V-bottom	yes	yes	latch w/green latches	10 racks of 96 tubes/case
4898	0.5 ml	Racks, empty		yes	latch w/green latches	10 racks
3725	0.5 ml	Tubes, racked, V-bottom	yes	yes	latch w/red latches	10 racks of 96 tubes/case
4899	0.5 ml	Racks for use w/DuraSeal, empty		yes	latch w/red latches	10 racks
3736	0.5 ml	Tubes, racked, w/Duraseals installed, V-bottom			latch	10 racks of 96 tubes/case
3737	0.5 ml	Tubes, racked, w/Duraseals installed, V-bottom	yes		latch	10 racks of 96 tubes/case
3730	0.75 ml	Bulk tubes, V-bottom		yes		1,000/case
3731	0.75 ml	Tubes, racked, V-bottom		yes	latch	10 racks of 96 tubes/case
3732	0.75 ml	Tubes, racked, V-bottom	yes	yes	latch	10 racks of 96 tubes/case
3729	0.75 ml	Tubes w/Duraseals installed, V-bottom			latch	10 racks of 96 tubes/case
4896	0.75 ml	Racks, empty		yes	latch	10 racks
3790	1.4 ml	Bulk tubes, V-bottom		yes		1,000/case
3791	1.4 ml	Tubes, racked, V-bottom		yes	latch	10 racks of 96 tubes/case
3792	1.4 ml	Tubes, racked, V-bottom	yes	yes	latch	10 racks of 96 tubes/case
3801	1.4 ml	Tubes, racked w/Duraseals installed, V-bottom			latch	10 racks of 96 tubes/case
4890	1.4 ml	Racks, empty		yes	latch	10 racks
3710	1.4 ml	Bulk tubes		yes		1,000/case
3711	1.4 ml	Tubes, racked, flat-bottom w/human-readable code		yes	latch	10 racks of 96 tubes/case
3712	1.4 ml	Tubes, racked, flat-bottom w/human-readable code	yes	yes	latch	10 racks of 96 tubes/case
3713	1.4 ml	Tubes, racked, flat-bottom w/human-readable code		yes	snap	10 racks of 96 tubes/case
3714	1.4 ml	Tubes, racked, flat-bottom w/human-readable code	yes	yes	snap	10 racks of 96 tubes/case
4893	1.4 ml	Racks, empty		yes	snap	10 racks
3815	0.1 ml	384-format tubes, racked, flat-bottom w/human-readable code		yes	384-tube format	20 racks of 384 tubes/case
3850	1.0 ml	Glass tube w/2D ceramic code, racked, flat-bottom*		yes	latch	5 racks of 96 tubes/case

* Glass construction ideal for applications requiring enhanced chemical resistance.

Thermo Scientific Matrix Duraseal and SepraSeal

Septa Cap Material: Virgin Class VI Medical Grade Thermo-plastic Elastomer and Colorants
Backing Material: Styrene Butadiene

SepraSeal® septa enable individual tube capping plus the ability to apply 96 septa at once down to -80°C. Pre-split SepraSeal septa can be pierced multiple times. Permanently installed DuraSeal® septa enable long-term storage needs at temperatures down to -150°C.

Cat. No.	Description	Sterile	Autoclavable	Quantity
4490	DuraSeal septa		yes	Bulk, 500 per case
4463	SepraSeal septa		yes*	10 mats of 96/case
4464	SepraSeal septa	yes	yes*	10 mats of 96/case
4465	Pre-split SepraSeal septa		yes*	10 mats of 96/case
4466	Pre-split SepraSeal septa	yes	yes*	10 mats of 96/case

*Septa are autoclavable, backing is not.



Compatible Products

Cat. No.	Description
4110	Thermo Scientific SuperSealer for installing SepraSeal septa
4469	Thermo Scientific Matrix SepraSeal Septa Tool

Thermo Scientific
SuperSealer



Storage Tube Racks

- Styles to maximize space in many environments, including freezers, ULT storage and cryostorage
- Lockable lid options ideal for transportation, including air shipment



Colored Capping Options

Colored options are available for ScrewTop caps and SepraSeal septa.

Simply add the following 3 digits to each catalog number for the colored version equivalent. (e.g. 4465**RED** = red SepraSeal septa in 10 mats of 96/case)

- RED** = red
- YEL** = yellow
- BLU** = blue
- GRE** = green
- PIN** = pink (septas only)
- PUR** = purple
- GRY** = gray (septas only)
- WHI** = white (caps only)



Quality and Innovation

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