

Thermo Scientific Matrix D.A.R.T.s® Transfer Tool

The Thermo Scientific Matrix D.A.R.T.s Transfer Tool simplifies and increases efficiency when loading D.A.R.T.s (Disposable Automation Research Tips) into serial dilution or custom configuration magazines. One transfer tool operates with both 96 and 384 format D.A.R.T.s making a variety of tip configurations compatible on Matrix liquid handling instruments.



Versatile: Compatible with 96 and 384 format D.A.R.T.s, the transfer tool can be easily modified to work with either.

Simply arrange either the 96 or 384 tip fittings into the desired configuration, such as 4.5mm or 9mm spacing. Easy assembly allows for quick swapping between 96 and 384 format tip fittings.

Time Saver: Using the D.A.R.T.s transfer tool to transfer tips from a magazine into serial dilution or custom magazines is efficient and quick. An entire row or column can be transferred in one step, compared to transferring D.A.R.T.s by hand one at a time.

Easy to Use: The D.A.R.T.s transfer tool works much like a pipette by picking up the tips on tip fittings, and using the plunger to eject the tips into a serial dilution or custom configured magazine. Because the transfer tool is lightweight and requires low force ejection it allows for quick and easy D.A.R.T. transfers.

Thermo Scientific Matrix D.A.R.T.s Transfer Tool Specifications

Item No.	Description
501-30045	Thermo Scientific Matrix DARTs Transfer Tool includes: Handle, tip fittings for 96 format and 384 format, 2 stripper plates
501-30046	96 channel tip fittings, 30 per bag
501-30047	384 channel tip fittings, 60 per bag

D.A.R.T.s Compatibility Information

Serial Dilution Magazine Item No.	Column	Row	D.A.R.T.s Position(s)	Compatible D.A.R.T.s
501-30021	•		1, 2	5506/07 XL, 5586/87, 5526/27 100ul
501-30051	•		1, 7	5506/07 XL, 5586/87, 5526/27 100ul
301-30021		•	A, B	5506/07 XL, 5586/87, 5526/27 100ul
301-30051		•	A, E	5506/07 XL, 5586/87, 5526/27 100ul
501-30020	•		1, 2	5516/17/18, 5536/37/38 XL, 5546/47/48 XLWB
501-30050	•		1, 7	5516/17/18, 5536/37/38 XL, 5546/47/48 XLWB
301-30020		•	A, B	5516/17/18, 5536/37/38 XL, 5546/47/48 XLWB
301-30050		•	A, E	5516/17/18, 5536/37/38 XL, 5546/47/48 XLWB
500-10030	•		1, 2, 13, 14	5316/17, 5416/17 XL, 5326/27
501-30052	•		1, 7, 9, 13, 17, 19	5316/17, 5416/17 XL, 5326/27
301-30052		•	A, E, I, M	5316/17, 5416/17 XL, 5326/27
301-30022		•	A, B	5316/17, 5416/17 XL, 5326/27
500-10015	•		1, 2, 13, 14	5301/5302
500-10020	•		1, 2, 13, 14	5311/5312
500-10025	•		1, 2, 13, 14	5321/5322
500-10030	•		1, 2, 13, 14	5316/5326

XL - Extended Length XLWB - Extended Length Wide Bore