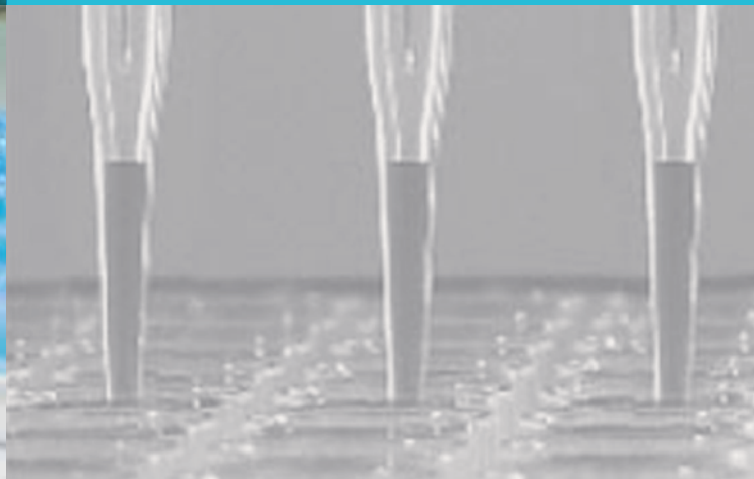




Automation Tips and Accessories



Increase efficiency

through accurate and precise performance

Thermo
SCIENTIFIC

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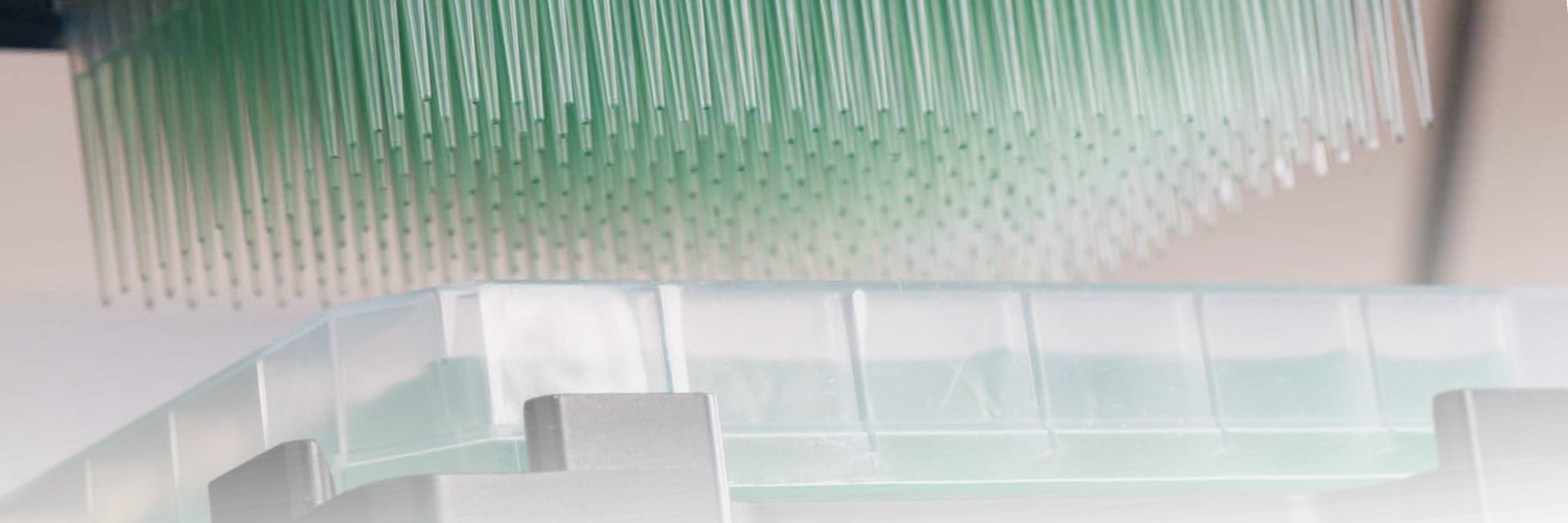
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Automation Tips and Accessories

With the broadest range of automation tips and accessories, we provide solutions for your liquid handling needs. Our products increase efficiency through accurate and precise performance. There are more than 300 Thermo Scientific™ automation tips designed to fit over 50 workstations and pipetting head variations. These tips undergo a rigorous quality control program to ensure consistency resulting in superior tip straightness and a low coefficient of variation ranging from 1% to 3%. With stringent manufacturing specifications, our tips adhere to tolerances 400% tighter than standard pipette tips.

Supporting a variety of tip configurations on Thermo Scientific automated liquid handling workstations, the Thermo Scientific D.A.R.T.'S transfer tool simplifies operations and increases efficiency.

With the flexibility to handle reagents on virtually any automated workstation, the Thermo Scientific automation reservoirs feature the same shape and dimensions as standard microplates and are designed to reduce reagent waste.



visual, dimensional, functional & purity

During production and before final release, the automation tips undergo a thorough quality inspection focusing on four specific areas: **visual, dimensional, functional and purity**.

The **visual inspection** focuses on distortions, short shots, bubbles, cloudiness, knit lines, flash, and blemishes. The **dimensional inspection** tests measure the physical attributes such as precise tip length, width and inner and outer diameters.

The **functional assessment** measures the interaction of the tip with the actual workstation in which the tip is designed to be used. These tests measure overall tip fit, pipetting performance and percent variation as well as proper tip ejection. Independent lab testing certifies products RNA, DNA, RNase, DNase, Pyrogen, and ATP free and **certificates of sterility** are available for all pre-sterilized products.

Since a tip is only as good as the rack that it sits in, all racks and lids are vigorously tested for proper dimensions as well as precise tip fit and tip protection during transport. Technical support is available for all of our automated products.

The automation reservoirs contain unique, removable baffles to prevent splashing of material out of the reservoir during movement. A hydrophilic surface ensures even disposition of liquid across the reservoir with lessened meniscus effects on the sidewalls. In addition, these reservoirs are SBS-formatted* to fit virtually any automated liquid handling platform or stacker, and a built-in pour spout allows ease in emptying unused liquid. Also, cross-contamination and timely rewashing is eliminated as these are priced to be disposable.



Thermo Scientific automation tips are compatible with these workstations:

Beckman™
Tecan™
PerkinElmer™/Packard™
Agilent™
Qiagen™
Molecular Devices™
Caliper™/Zymark™
BioTek™
Eppendorf®
PlateMate™ 2x3¹
PlateMate™ Plus
Thermo Scientific™ Hydra™ DT
Thermo Scientific™ Versette™

* Meets the Standards ANSI/SBS 1-2004 through ANSI/SBS 4-2004.

¹PlateMate 2x3 is only available in the U.S.



Thermo Scientific Automation Tips made to fit Beckman Liquid Handling Systems

- Tips are validated on the actual workstations for which they are created
- Available in sterile, nonsterile, sterile filtered, wide bore, and low retention
- Extended tip length is compatible with 96-well and 384-well deep well plates



VOLUME: 10 µl

Cat. No.	Description	Qty
912-021	8 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
912-261	10 µl clear, sterile	
912-262	10 µl clear, nonsterile	



VOLUME: 20 µl

Cat. No.	Description	Qty
918-021	20 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
918-261	20 µl clear, sterile	
918-262	20 µl clear, nonsterile	
918-021-05	20 µl clear, sterile, filtered, low retention	
918-261-05	20 µl clear, sterile, low retention	
918-262-05	20 µl clear, nonsterile, low retention	

Workstations:

- Beckman Multimek™ AP96
- Beckman Biomek™ 3000/4000
- Beckman Biomek FX^P/FX and NX^P/NX



VOLUME: 50 µl

Cat. No.	Description	Qty
916-021	40 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
916-261	50 µl clear, sterile	
916-262	50 µl clear, nonsterile	
916-021-05	40 µl clear, sterile, filtered, low retention	
916-261-05	50 µl clear, sterile, low retention	
916-262-05	50 µl clear, nonsterile, low retention	



VOLUME: 250 µl

Cat. No.	Description	Qty
919-021	130 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
919-261	250 µl clear, sterile	
919-262	250 µl clear, nonsterile	
919-021-05	130 µl clear, sterile, filtered, low retention	
919-261-05	250 µl clear, sterile, low retention	
919-262-05	250 µl clear, nonsterile, low retention	



VOLUME: 250 µl Wide Bore

Cat. No.	Description	Qty
919-021G	130 µl clear, wide bore, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
919-261G	250 µl clear, wide bore, sterile	
919-262G	250 µl clear, wide bore, nonsterile	

For compatible Thermo Scientific PocketTips, see page 20.

Thermo Scientific Automation Tips made to fit Beckman Liquid Handling Systems

Workstations:

- Beckman Multimek AP384
- Beckman Biomek FX^P/FX and NX^P/NX



VOLUME: **30 µl 384 well**

Cat. No.	Description	Qty
935-021	25 µl clear, sterile, filtered	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
935-261	30 µl clear, sterile	
935-262	30 µl clear, nonsterile	



VOLUME: **50 µl 384 well**

Cat. No.	Description	Qty
938-021	40 µl extended length, clear, sterile, filtered	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
938-261	50 µl extended length, clear, sterile	
938-262	50 µl extended length, clear, nonsterile	

Workstations:

- Beckman Biomek 1000
- Beckman Biomek 2000



VOLUME: **20 µl**

Cat. No.	Description	Qty
915-021	20 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
915-261	20 µl clear, sterile	
915-262	20 µl clear, nonsterile	



VOLUME: **200 µl**

Cat. No.	Description	Qty
917-021	130 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
917-261	200 µl clear, sterile	
917-262	200 µl clear, nonsterile	

Workstation:

- Beckman Biomek FX^P/FX and NX^P/NX with a Span-8 Head



VOLUME: **20 µl**

Cat. No.	Description	Qty
918-011	20 µl liquid sensing, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
918-251	20 µl liquid sensing, sterile	
918-252	20 µl liquid sensing, nonsterile	



VOLUME: **250 µl**

Cat. No.	Description	Qty
919-011	130 µl liquid sensing, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
919-251	250 µl liquid sensing, sterile	
919-252	250 µl liquid sensing, nonsterile	



Thermo Scientific Automation Tips made to fit Tecan Liquid Handling Platforms

- Conductive option provides increased pipetting performance
- Tips are validated on the actual workstations for which they are created
- 20 µl tips increase precision of low volume pipetting through minimization of dead air space



VOLUME: 20 µl

Cat. No.	Description	Qty
901-011	10 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
901-251	20 µl liquid sensing, sterile	
901-252	20 µl liquid sensing, nonsterile	
901-253	20 µl liquid sensing, nonsterile, econopak	96 Tips/Tray, 50 Trays/Case



VOLUME: 50 µl

Cat. No.	Description	Qty
902-011	50 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
902-251	50 µl liquid sensing, sterile	
902-252	50 µl liquid sensing, nonsterile	
902-253	50 µl liquid sensing, nonsterile, econopak	96 Tips/Tray, 50 Trays/Case

Workstations:

- Tecan Cavro™
- Tecan Genesis™
- Tecan MiniPrep™
- Tecan Freedom Evo™



VOLUME: 200 µl

Cat. No.	Description	Qty
903-011	175 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
903-251	200 µl liquid sensing, sterile	
903-252	200 µl liquid sensing, nonsterile	
903-253	200 µl liquid sensing, nonsterile, econopak	96 Tips/Tray, 50 Trays/Case
903-033	175 µl liquid sensing, nonsterile, filtered, econopak	



VOLUME: 200 µl Wide Bore

Cat. No.	Description	Qty
903-011G	175 µl liquid sensing, wide bore, sterile, filtered	96 Tips/Tray, 10 Trays/Case
903-251G	200 µl liquid sensing, wide bore, sterile	
903-252G	200 µl liquid sensing, wide bore, nonsterile	



VOLUME: 1000 µl

Cat. No.	Description	Qty
904-011	1000 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
904-251	1000 µl liquid sensing, sterile	
904-252	1000 µl liquid sensing, nonsterile	
904-253	1000 µl liquid sensing, nonsterile, econopak	96 Tips/Tray, 50 Trays/Case
904-013	1000 µl liquid sensing, nonsterile, filtered, econopak	



VOLUME: 1000 µl Wide Bore

Cat. No.	Description	Qty
904-251G	1000 µl liquid sensing, wide bore, sterile	96 Tips/Tray, 10 Trays/Case
904-252G	1000 µl liquid sensing, wide bore, nonsterile	
904-011G	1000 µl liquid sensing, wide bore, sterile, filtered	

Thermo Scientific Automation Tips made to fit Tecan Liquid Handling Platforms

Workstations:

- Tecan Cavro
- Tecan Genesis
- Tecan MiniPrep
- Tecan Freedom Evo



VOLUME: 20 µl

Cat. No.	Description	Qty
901-021	10 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
901-261	20 µl clear, sterile	
901-262	20 µl clear, nonsterile	



VOLUME: 50 µl

Cat. No.	Description	Qty
902-021	50 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
902-261	50 µl clear, sterile	
902-262	50 µl clear, nonsterile	



VOLUME: 200 µl

Cat. No.	Description	Qty
903-021	175 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
903-261	200 µl clear, sterile	
903-262	200 µl clear, nonsterile	



VOLUME: 1000 µl

Cat. No.	Description	Qty
904-021	1000 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
904-261	1000 µl clear, sterile	
904-262	1000 µl clear, nonsterile	

Workstations:

- Tecan Te-MO™
- Tecan Aquarius™
- Tecan Freedom Evo



VOLUME: 50 µl

Cat. No.	Description	Qty
906-021	50 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
906-261	50 µl clear, sterile	
906-262	50 µl clear, nonsterile	



VOLUME: 100 µl

Cat. No.	Description	Qty
907-021	80 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
907-261	100 µl clear, sterile	
907-262	100 µl clear, nonsterile	



VOLUME: 200 µl

Cat. No.	Description	Qty
908-021	150 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
908-261	200 µl clear, sterile	
908-262	200 µl clear, nonsterile	



Thermo Scientific Automation Tips made to fit PerkinElmer/Packard Robotic Liquid Handling Systems with Varispan™ Dispense Arms

- Conductive option provides increased pipetting performance
- Increased precision for your toughest multi-dispensing assays
- Tips are validated on the actual workstations for which they are created



VOLUME: **20 µl**

Cat. No.	Description	Qty
901-011	10 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
901-251	20 µl liquid sensing, sterile	
901-252	20 µl liquid sensing, nonsterile	96 Tips/Tray, 50 Trays/Case
901-253	20 µl liquid sensing, nonsterile, econopak	

For compatible Thermo Scientific PocketTips, see page 20.

Workstations:

- PerkinElmer JANUS
- PerkinElmer/Packard MultiPROBE™ II HT
- PerkinElmer/Packard MultiPROBE II HT EX



VOLUME: **50 µl**

Cat. No.	Description	Qty
902-011	50 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
902-251	50 µl liquid sensing, sterile	
902-252	50 µl liquid sensing, nonsterile	96 Tips/Tray, 50 Trays/Case
902-253	50 µl liquid sensing, nonsterile, econopak	



VOLUME: **200 µl**

Cat. No.	Description	Qty
903-011	175 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
903-251	200 µl liquid sensing, sterile	
903-252	200 µl liquid sensing, nonsterile	96 Tips/Tray, 50 Trays/Case
903-253	200 µl liquid sensing, nonsterile, econopak	
903-033	175 µl liquid sensing, nonsterile, filtered, econopak	



VOLUME: **1000 µl**

Cat. No.	Description	Qty
904-011	1000 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
904-251	1000 µl liquid sensing, sterile	
904-252	1000 µl liquid sensing, nonsterile	96 Tips/Tray, 50 Trays/Case
904-253	1000 µl liquid sensing, nonsterile, econopak	
904-013	1000 ul liquid sensing, nonsterile, filtered, econopak	

Thermo Scientific Automation Tips made to fit

PerkinElmer/Packard Robotic Liquid Handling Systems with Varispan Dispense Arms

Workstations:

- PerkinElmer JANUS
- PerkinElmer/Packard MultiPROBE II HT
- PerkinElmer/Packard MultiPROBE II HT EX



VOLUME: **20 µl**

Cat. No.	Description	Qty
901-021	10 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
901-261	20 µl clear, sterile	
901-262	20 µl clear, nonsterile	



VOLUME: **200 µl**

Cat. No.	Description	Qty
903-021	175 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
903-261	200 µl clear, sterile	
903-262	200 µl clear, nonsterile	



VOLUME: **50 µl**

Cat. No.	Description	Qty
902-021	50 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
902-261	50 µl clear, sterile	
902-262	50 µl clear, nonsterile	



VOLUME: **1000 µl**

Cat. No.	Description	Qty
904-021	1000 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
904-261	1000 µl clear, sterile	
904-262	1000 µl clear, nonsterile	

Thermo Scientific Automation Tips made to fit

PerkinElmer/Packard Robotic Liquid Handling Systems with MDT Dispense Heads

Workstations:

- PerkinElmer JANUS
- PerkinElmer/Packard PlateTrak™
- PerkinElmer/Packard MiniTrak™
- PerkinElmer Evolution P-3™



VOLUME: **20 µl**

Cat. No.	Description	Qty
925-021	10 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
925-261	20 µl clear, sterile	
925-262	20 µl clear, nonsterile	



VOLUME: **50 µl**

Cat. No.	Description	Qty
927-021	40 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
927-261	50 µl clear, sterile	
927-262	50 µl clear, nonsterile	



VOLUME: **235 µl**

Cat. No.	Description	Qty
929-021	180 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
929-261	235 µl clear, sterile	
929-262	235 µl clear, nonsterile	



VOLUME: **30 µl 384 well**

Cat. No.	Description	Qty
931-021	20 µl clear, sterile, filtered	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
931-261	30 µl clear, sterile	
931-262	30 µl clear, nonsterile	



Thermo Scientific Automation Tips made to fit Agilent Automated Liquid Handling Platforms

- Low percentage coefficient of variation
- Available in nonsterile, sterile or sterile filtered
- Validated on the actual workstation for which the tip is created

Workstations:

- Agilent VPrep™ with 384 pipetting head
- Agilent Bravo™ with 384 pipetting head



VOLUME: 10 µl 384 well

Cat. No.	Description	Qty
946-261	10 µl clear, sterile	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
946-262	10 µl clear, nonsterile	



VOLUME: 50 µl 384 well

Cat. No.	Description	Qty
948-261	50 µl clear, sterile	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
948-262	50 µl clear, nonsterile	



VOLUME: 30 µl 384 well

Cat. No.	Description	Qty
947-261	30 µl clear, sterile	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
947-262	30 µl clear, nonsterile	



VOLUME: 70 µl 384 well

Cat. No.	Description	Qty
949-261	70 µl clear, sterile	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
949-262	70 µl clear, nonsterile	

Thermo Scientific Automation Pipette Tips made to fit Eppendorf epMotion® Automated Pipetting System

- Low percentage coefficient of variation
- Available in nonsterile, sterile or sterile filtered
- Validated on the actual workstation for which the tip is created



VOLUME: 50 µl

Cat. No.	Description	Qty
965-021	50 µl, clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
965-261	50 µl, clear, sterile	
965-262	50 µl, clear, nonsterile	



VOLUME: 1000 µl

Cat. No.	Description	Qty
967-021	1000 µl, clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 4 Packs/Case
967-261	1000 µl, clear, sterile	
967-262	1000 µl, clear, nonsterile	



VOLUME: 300 µl

Cat. No.	Description	Qty
966-021	300 µl, clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
966-261	300 µl, clear, sterile	
966-262	300 µl, clear, nonsterile	



Thermo Scientific Automation Tips made to fit Qiagen Universal Systems

- Available in nonsterile, sterile or sterile filtered
- Validated on the actual workstation for which the tip is created
- Superior liquid sensing technology performs seamlessly with old and new software



Workstations:

- Qiagen Rosys
- Qiagen Colibri™
- Qiagen BioRobot™ 3000/8000/9600/9604



VOLUME: 300 µl

Cat. No.	Description	Qty
951-011	250 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
951-251	300 µl liquid sensing, sterile	
951-252	300 µl liquid sensing, nonsterile	
951-253	300 µl liquid sensing, sterile, econopak	96 Tips/Tray, 50 Trays/Case

VOLUME: 1100 µl

Cat. No.	Description	Qty
953-011	1000 µl liquid sensing, sterile, filtered	96 Tips/Tray, 10 Trays/Case
953-251	1100 µl liquid sensing, sterile	
953-252	1100 µl liquid sensing, nonsterile	
953-253	1100 µl liquid sensing, sterile, econopak	96 Tips/Tray, 50 Trays/Case



VOLUME: 300 µl

Cat. No.	Description	Qty
951-021	250 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
951-261	300 µl clear, sterile	
951-262	300 µl clear, nonsterile	

VOLUME: 1100 µl

Cat. No.	Description	Qty
953-021	1000 µl clear, sterile, filtered	96 Tips/Tray, 10 Trays/Case
953-261	1100 µl clear, sterile	
953-262	1100 µl clear, nonsterile	

Thermo Scientific Automation Tips made to fit Molecular Devices Systems

- Low percentage coefficient of variation
- Available in nonsterile, sterile or sterile filtered
- Validated on the actual workstation for which the tip is created

Workstation:

- Molecular Devices FLIPR™ with a Type “A” CCS 384-well head
- Molecular Devices FLIPR™ with a Type “B” Liberty 384-well head



VOLUME: 30 µl for Type “A” CCS 384-well head

Cat. No.	Description	Qty
931-021	20 µl clear, sterile, filtered	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
931-261	30 µl clear, sterile	
931-262	30 µl clear, nonsterile	



VOLUME: 30 µl for Type “B” Liberty 384-well head

Cat. No.	Description	Qty
937-261	20 µl clear, sterile	384 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
937-262	30 µl clear, nonsterile	

For compatible Thermo Scientific PocketTips, see page 20.

Thermo Scientific Automation Tips made to fit Caliper/Zymark Liquid Handling Workstations

- Low percentage coefficient of variation
- Available in nonsterile, sterile or sterile filtered
- Validated on the actual workstation for which the tip is created

Workstations:

- Caliper Presto™
- Caliper Allegro™
- Caliper Zephyr™
- Caliper SciClone™
- Caliper/Zymark RapidPlate™



VOLUME: 50 µl

Cat. No.	Description	Qty
920-021	50 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
920-261	50 µl clear, sterile	
920-262	50 µl clear, nonsterile	



VOLUME: 100 µl

Cat. No.	Description	Qty
921-021	80 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
921-261	100 µl clear, sterile	
921-262	100 µl clear, nonsterile	



VOLUME: 200 µl

Cat. No.	Description	Qty
923-021	150 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
923-261	200 µl clear, sterile	
923-262	200 µl clear, nonsterile	

Thermo Scientific Automation Pipette Tips made to fit BioTek Pipetting Systems

- Low percentage coefficient of variation
- Available in nonsterile, sterile or sterile filtered
- Validated on the actual workstation for which the tip is created

Workstation:

- BioTek Precision™
- BioTek Precision XS



VOLUME: 50 µl

Cat. No.	Description	Qty
984-021	50 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
984-261	50 µl clear, sterile	
984-262	50 µl clear, nonsterile	



VOLUME: 100 µl

Cat. No.	Description	Qty
985-021	80 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
985-261	100 µl clear, sterile	
985-262	100 µl clear, nonsterile	



VOLUME: 200 µl

Cat. No.	Description	Qty
986-021	150 µl clear, sterile, filtered	96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case
986-261	200 µl clear, sterile	
986-262	200 µl clear, nonsterile	

D.A.R.T.'S

Thermo Scientific™ D.A.R.T.'S™ (Disposable Automation Research Tips) have been designed for the ultimate performance in automated pipetting. Unlike conventional automation tips, D.A.R.T.'S are in disposable rigid magazines and seal onto the pipetting heads by being pressed against a silicone pad.

This definitive seal minimizes volume displacement and ensures tip straightness enabling consistent dispensing for improved well access. The tips small internal orifice provides small droplet formation resulting in optimal accuracy and precision. The entire assembly can be quickly removed and replaced eliminating extra handling preventing damage or contamination.

- 100% inspection ensures superior quality
- Flexibility to choose tips for any application
- Available in filtered, wide bore and extended length

Workstations:

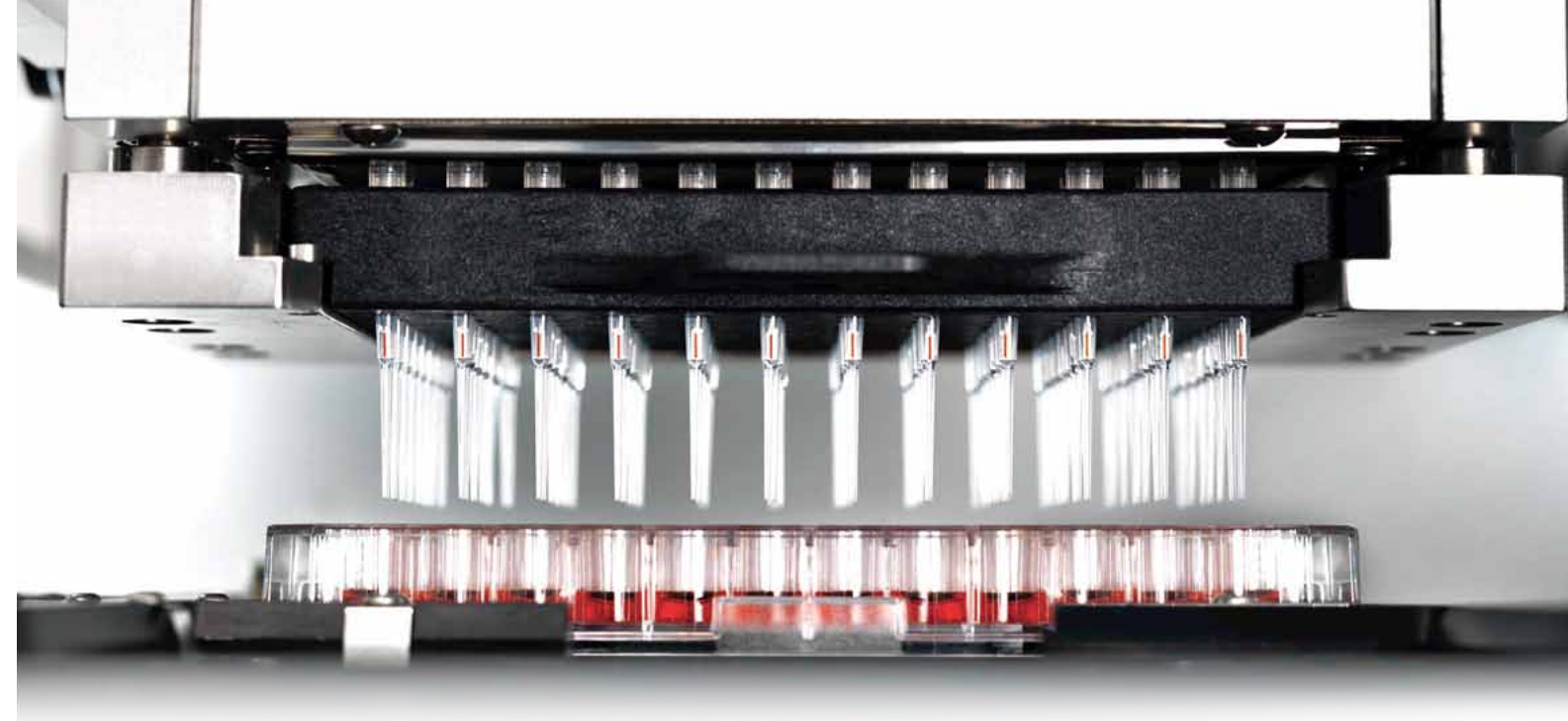
- Thermo Scientific Versette
- Thermo Scientific Hydra DT
- Thermo Scientific PlateMate 2x3
- Thermo Scientific PlateMate Plus



Cat. No.	Description	Qty
5506	30 µl, nonsterile, extended length	20 magazines of 96 tips/case
5507	30 µl, sterile, extended length	
5508	30 µl, sterile, filtered, extended length	
5516	300 µl, nonsterile	
5517	300 µl, sterile	
5518	300 µl, sterile, filtered	
5536	300 µl, nonsterile, extended length	
5537	300 µl, sterile, extended length	
5538	300 µl, sterile, filtered, extended length	
5546	300 µl, nonsterile, extended length, wide bore	
5547	300 µl, sterile, extended length, wide bore	
5548	300 µl, sterile, filtered, extended length, wide bore	
5586	30 µl, nonsterile	
5587	30 µl, sterile	
5588	30 µl, sterile, filtered	

Cat. No.	Description	Qty
5316	30 µl, nonsterile	20 magazines of 384 tips/case
5317	30 µl, sterile	
5318	30 µl, sterile, filtered	
5326	100 µl, clear, nonsterile	
5327	100 µl, sterile	
5328	100 µl, sterile, filtered	
5416	30 µl, nonsterile, extended length	
5417	30 µl, sterile, extended length	
5418	30 µl, sterile, extended length, filtered	

For compatible Thermo Scientific D.A.R.T.'S Transfer Tool, see page 23.



Thermo Scientific PocketTip D.A.R.T.'S

With Thermo Scientific PocketTip D.A.R.T.'S, achieve lower volume transfer capability of 50-250 nl resulting from a combination of the internally molded capillary pocket and the unique surface sealing of the tip for compound screening procedures. Improve data quality through the elimination of intermediate pipetting steps with soft in-tip mixing.

- Achieve lower volume transfer capability
- Reduce reagent, lab ware and sample costs
- Improve data quality by the elimination of intermediate pipetting steps

Workstations:

- Thermo Scientific Hydra DT
- Thermo Scientific PlateMate 2x3
- Thermo Scientific PlateMate Plus

Cat. No.	Description	Qty
5696-50	PocketTip D.A.R.T.'S nonsterile, 50 nl pocket	20 racks of 96 tips/case
5697-50	PocketTip D.A.R.T.'S sterile, 50 nl pocket	
5696-100	PocketTip D.A.R.T.'S nonsterile, 100 nl pocket	
5697-100	PocketTip D.A.R.T.'S sterile, 100 nl pocket	
5696-250	PocketTip D.A.R.T.'S nonsterile, 250 nl pocket	
5697-250	PocketTip D.A.R.T.'S sterile, 250 nl pocket	

Cat. No.	Description	Qty
5756-50	PocketTip D.A.R.T.'S nonsterile, 50 nl pocket	20 racks of 384 tips/case
5757-50	PocketTip D.A.R.T.'S sterile, 50 nl pocket	
5756-100	PocketTip D.A.R.T.'S nonsterile, 100 nl pocket	
5757-100	PocketTip D.A.R.T.'S sterile, 100 nl pocket	
5756-250	PocketTip D.A.R.T.'S nonsterile, 250 nl pocket	
5757-250	PocketTip D.A.R.T.'S sterile, 250 nl pocket	



Thermo Scientific PocketTips



Thermo Scientific™ PocketTips™ feature a unique capillary pocket within the tip's internal surface to deliver nanoliter amounts of a sample or to leave 50, 100, 250, or 500 nl of your sample in the tip. Drawing your destination sample into the tip automatically mixes the sample into your destination liquid.

These user-friendly PocketTips are compatible on multiple workstations allowing flexibility of use and the external dimensions of the tip and rack are the same as standard automation tips requiring minimal modification and set-up. Eliminate timely pipetting steps, reduce lab ware usage and accelerate assays such as PCR primer dilutions.

Ideal for a variety of applications including cell-based or low DMSO tolerant assays, selectivity assays (P450), potency determinations (IC50), compound storage and delivery from compound libraries, protein and enzyme aqueous based assays, automated clinical diagnostics and kinetic read (FLIPR) assays. Simple, economical assay miniaturization preserves compounds and reduces reagent costs.

- Mixing occurs in tip and will not damage sensitive cells or other materials
- Improves data by eliminating compound precipitation and pipetting errors
- Available with 50, 100, 250, and 500 nl pockets in 96- or 384-well formats

Workstation:

- Molecular Devices FLIPR with a Type “B” Liberty 384-well head

Cat. No.	Description	Qty
FLIPR384B-50	Molecular Devices FLIPR Liberty B 384-channel head, 50 nl pocket	384 Tips/Rack, 50 Racks/Case
FLIPR384B-250	Molecular Devices FLIPR Liberty B 384-channel head, 250 nl pocket	

Workstation:

- Beckman Biomek FX^P/FX and NX^P/NX with a 384-well head

Cat. No.	Description	Qty
FX96P20-50	Biomek FX 96-channel head, 50 nl pocket	96 Tips/Rack, 50 Racks/Case
FX96P20-100	Biomek FX 96-channel head, 100 nl pocket	
FX96P20-250	Biomek FX 96-channel head, 250 nl pocket	
FX96P20-500	Biomek FX 96-channel head, 500 nl pocket	384 Tips/Rack, 50 Racks/Case
FX384P30-50	Biomek FX 384-channel head, 50 nl pocket	
FX384P30-100	Biomek FX 384-channel head, 100 nl pocket	
FX384P30-250	Biomek FX 384-channel head, 250 nl pocket	

Workstation:

- PerkinElmer/Packard Robotic Liquid Handling Systems with Varispan Dispense Arms

Cat. No.	Description	Qty
PE96P235-50	PerkinElmer P235 style 96-channel head, 50 nl pocket	96 Tips/Rack, 50 Racks/Case
PE96P235-100	PerkinElmer P235 style 96-channel head, 100 nl pocket	
PE96P235-250	PerkinElmer P235 style 96-channel head, 250 nl pocket	
PE384P30-50	PerkinElmer style 384-channel head, 50 nl pocket	384 Tips/Rack, 50 Racks/Case
PE384P30-100	PerkinElmer style 384-channel head, 100 nl pocket	

Workstation:

- Hamilton™ MicroLab Star™ Automated Liquid Handling Workstations

Cat. No.	Description	Qty
STAR384P30-50	Hamilton Star with FX 384-channel head, 50 nl pocket	384 Tips/Rack, 50 Racks/Case
STAR384P30-100	Hamilton Star with FX 384-channel head, 100 nl pocket	
STAR384P30-250	Hamilton Star with FX 384-channel head, 250 nl pocket	

Thermo Scientific

D.A.R.T.'S Transfer Tool

Simplify operations and increase efficiency with the D.A.R.T.'S transfer tool when loading D.A.R.T.'S into serial dilution or custom configuration magazines. An entire row or column can be transferred in one step and the tool can be easily modified to work with 96- or 384-tip fittings in desired configurations such as 4.5 mm or 9 mm spacing. The tool supports a variety of tip configurations on multiple Thermo Scientific workstations.

- Compatible with 96- and 384-tip fittings
- Lightweight with low ejection force for easy tip transfers
- Simple assembly offers fast swapping between 96- and 384-tip fittings

Workstations:

- Thermo Scientific Versette
- Thermo Scientific Hydra DT
- Thermo Scientific PlateMate 2x3
- Thermo Scientific PlateMate Plus



Cat. No.	Description
501-30045	Tip Transfer Tool, Matrix D.A.R.T.'S
501-30046	Tip Transfer Tool Fittings, 96-channel
501-30047	Tip Transfer Tool Fittings, 384-channel

Thermo Scientific

Automated Reservoirs

Thermo Scientific automation reservoirs are disposable with no need to wash reservoirs allowing more reservoirs to be used per run. Built-in grooves in reservoir bottom reduce reagent waste and allow consistent aspiration.

Designed for simple, economical handling of reagents on automated workstations, Thermo Scientific automation reservoirs provide standard SBS dimensions ensuring compatibility with plate stackers and handlers.

- Hydrophilic surface allows minimal reagent to cover bottom
- Polypropylene construction offers excellent chemical resistance
- Available individually wrapped allows reservoirs to stay sterile until ready for use

Cat. No.	Description	Unit
1064-05-8	96-channel reservoir	20 reservoirs/case
1064-15-8	96-channel reservoir, sterile, individually wrapped	
1064-05-6	96-channel reservoir, deep-well	
1064-15-6	96-channel reservoir, deep-well, sterile, individually wrapped	
1064-05-7	384-channel reservoir	
1064-15-7	384-channel reservoir, sterile, individually wrapped	



Choose the Best Automation Tip

Thermo Scientific Automation Tips Mobile App

The Thermo Scientific™ iPhone™ /iPad™, Android™, and BlackBerry™ apps help you choose the best automation tip for your liquid handling workstation.

- Search by catalog number or manufacturer
- Select from over 300 pipette tips
- View the product and specifications in detail
- Save search results to 'My Lab' for future reference

Download our app today!

Visit thermoscientific.com/autotipchoice

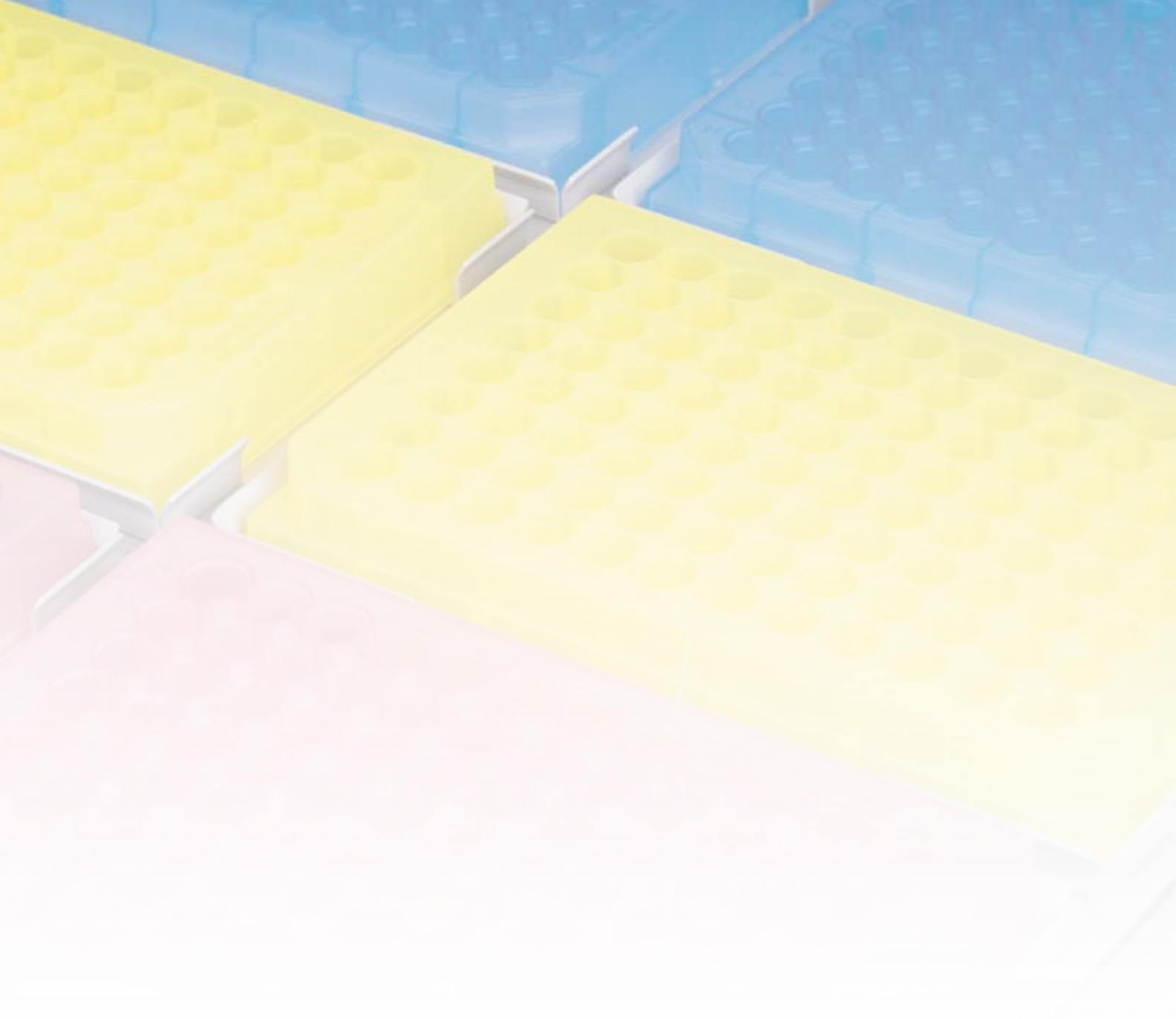
Thermo Scientific Tip Search Tool

Now you can choose the best tip for your pipette or liquid handling workstation with the Tip Search Tool. Search by pipette brand or specifications and/or workstation brand or catalog number. With over 700 pipette tips, this tool makes it easy to meet your application requirements.

Visit thermoscientific.com/tipsearch



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