

BIROBOTIX BRAND PIPET TIPS FOR YOUR
AUTOMATED WORKSTATION

MBP • SECTION 03

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BIROBOTIX BRAND PIPET TIPS BUILDING A LEGACY

Eight years ago, as automated liquid handling protocols began to take a strong foothold in the HTS process, Molecular BioProducts began receiving numerous requests to make its patented ART barrier technology available in pipet tips designed for automated platforms. These requests came from instrument manufacturers and customers alike; like our customers, we set our sights on the future, and embarked on the arduous process of redefining and elevating our design and manufacturing techniques to a level that could adhere to tolerances 400% tighter than standard pipet tips.

During this time we have learned many of the same lessons that our customers have about just how critical a choice the consumable becomes when used as a component of a highly sophisticated system. This is because, prior to designing and building a BioRobotix brand tip, we purchase the equipment, buy the consumables available, and begin running applications in our lab, just like our customers. The only difference being that we are examining every conceivable aspect of how the consumable can affect the performance of a particular system and what can be done to improve upon it.

What is presented here, is what we feel to be the most critical factors when choosing a consumable for your liquid handling system, in order of importance:

PERFORMANCE: In terms of precision and accuracy as measured by %CV, performance is the most critical factor when choosing a tip, and the differences in performance of the tips currently available on the market is vast. The loosest specification on a BioRobotix brand tip is <2.5% and the tightest is <1%. For a discussion on CV calculations please read our %CV primer located on our website, www.mbpinc.com

AVAILABILITY: It is important to understand that the tips you are using for your automated workstations are extremely difficult to produce. The specifications on these tips are tighter than regular pipet tips by an order of magnitude. As such, all manufacturers have had, and will continue to have, occasional supply problems. Anyone who tells you otherwise is being less than honest. Since you need confidence in the availability of product, be sure to choose manufacturers with experience and solid distribution networks. Over 300 dealers worldwide stock MBP BioRobotix brand tips, and in the rare instances where we experience production problems, we can probably find product for you within our distribution network.

TECHNICAL SERVICE: Not only are your robotic platforms sophisticated and delicate pieces of equipment, they are produced in a very different manner than pipet tips. Pipet tips are mass-produced in quantities of many millions per day, and as such they are very similar, while your robots are hand assembled and milled one or two at a time. The variations from machine to machine make it difficult to run mass-produced parts and often adjustments are required to ensure consistent, steady operation. Be sure to purchase your supplies from a company that is knowledgeable with the systems, consumables, and operation of your equipment. Molecular BioProducts boasts a large and very knowledgeable Customer Service and Sales department versed in your liquid handling needs. Additionally, we have a group of field engineers whose job it is to visit customers on site when detailed technical support is required.

SELECTION: This is an often overlooked element. Many do not realize the wide array of tips available for use on the various liquid handling systems. There are many variations of the standard robotic tips that may more closely suit your particular needs. Within this catalog you will find over 162 SKU's designed to fit across 40 different instrument and head variations. Whether

you are pipetting viscous materials, concerned about aerosol contamination, looking for liquid-sensing or low retention polymers, chances are that we have a tip particularly suited to your needs. Validation samples are available for free at www.mbpinc.com.

NO REPROGRAMMING: We hate reprogramming our robots and try to avoid it at all costs. Therefore, we believe that our customers wish to avoid this as well. Approximately 90% of our product offering is ready-to-use. However, some of our more unique specialty tips do require adjustments to your robot – but, sometimes that is the price of superior performance. When required, easy-to-follow instructions are included with the product.

CERTIFICATION: There is always a level of confidence added to the decision to purchase a robotic tip when the instrument manufacturer certifies it for use. Not only do many of our tips bear this certification, we manufacture tips for some of the most advanced instrument companies in the world.

PRICE: As always, price is a concern when purchasing disposables. Depending upon your application and the weight you apply to the preceding six factors, price may not rank last. However, we firmly believe that it should never rank first. The quality and consistency necessary to keep your instruments running costs money in terms of Support, R&D, Cleanliness, Inspection, Materials, and even Supply Chain Management. Molecular BioProducts strives to provide you with the highest quality at the fairest price.

At Molecular BioProducts we truly believe that our tips are the best in the market. There are two reasons for this: being the first in the market and offering the broadest range of products, we have the most experience and expertise in the design and development of consumables for automated liquid handling. Secondly, we feel that our most valuable piece of intellectual property is our quality system. It is this system that transcends every aspect of the design, manufacture, and assembly of the products you purchase from MBP.

When addressing the quality control applied to these products, we generally refer to four areas of inspection that occur at multiple points in the production process. These categories are Visual, Dimensional, Functional, and Purity. Some of the aspects of each of these areas follow:



1. Visual Inspection focuses on blemishes that could cause a functional failure, or, if not treated, could lead to a functional failure. Distortion, short shots, voids, bubbles, cloudiness, knit lines, and flash are just a few of the items we inspect for in this category.

2. Dimensional Inspection focuses on testing measurable attributes of the parts. For example, total indicator run-out (which is a measure of straightness), wall thickness, weight, and out-of-round are all critical elements addressed during and after production.

3. Functional Inspection focuses on the part's interaction with the very workstation you are using. This is where BioRobotix brand tips get put to the test; we measure for seal-force, leaking, precision, accuracy, insertion depths, tray flatness, hole spacing, and much more.

4. Purity Inspection, the final category, is not only a protocol, but also a methodology in our manufacturing process. Safeguard and handling requirements on our production floor and assembly lines are the reason that an independent lab can certify every pre-sterilized lot of product as RNA, DNA, RNase, DNase, Pyrogen, and ATP free. Certificates of sterility are also available for all pre-sterilized products. Our testing protocols are listed in the technical section of this catalog.

Our journey started over eight years ago when we set out to make the most advanced line of tips available for automated, liquid-handling workstations. Beginning with the innovative manufacturing technologies necessary to produce these products, to the implementation of a sophisticated quality control process to monitor all aspects of each product's production, we will continue with our undivided commitment to be at the forefront of the development of high quality products for this segment of the liquid-handling market. Looking to the future, we promise to continue to supply you with the most exceptional and broadest range of tips designed for the automated laboratory environment.

TECAN



Get more performance from your Tecan workstation with BioRobotix brand pipet tips. MBP provides several tip options unavailable through other manufacturers. Our 20 μ l and 50 μ l liquid-sensing and clear Tecan tips increase the precision of low volume pipetting through minimization of dead air volume within the pipet tip. All Tecan tips come packaged in our unique and hermetically sealed blister packs.

A



B



FITS TECAN GENESIS, TECAN FREEDOM, TECAN EVO, TECAN MINIPREP AND CAVRO WORKSTATIONS

Tecan Liquid Sensing Genomic (Wide-bore) Tips

Catalog Number	Description	Unit Packaging
A 903-251G	200 μ l Liquid Sensing pre-sterilized large orifice	96 tips/tray , 10 trays/pack
903-252G	200 μ l Liquid Sensing non-sterile large orifice	96 tips/tray, 10 trays/pack
903-011G	175 μ l Liquid Sensing pre-sterilized ART barrier large orifice	96 tips/tray , 10 trays/pack
B 904-251G	1000 μ l Liquid Sensing pre-sterilized large orifice	96 tips/tray , 10 trays/pack
904-252G	1000 μ l Liquid Sensing non-sterile large orifice	96 tips/tray, 10 trays/pack
904-011G	1000 μ l Liquid Sensing pre-sterilized ART barrier large orifice	96 tips/tray, 10 trays/pack





FITS TECAN GENESIS, TECAN FREEDOM, TECAN EVO, TECAN MINIPREP AND CAVRO WORKSTATIONS

Tecan Style Liquid Sensing Tips

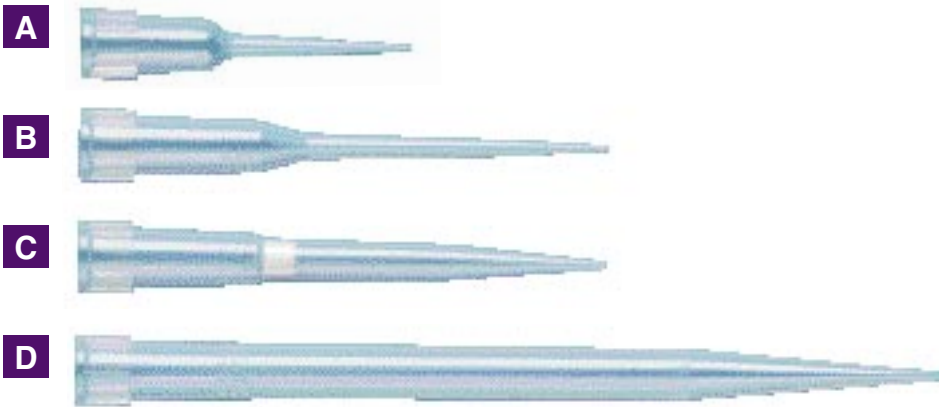
	Catalog Number	Description	Unit Packaging
A	901-251	20µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
	901-252	20µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	901-253	20µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	901-011	10µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
	B	902-251	50µl Liquid Sensing pre-sterilized
902-252		50µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
902-253		50µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
902-011		50µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C		903-251	200µl Liquid Sensing pre-sterilized
	903-252	200µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	903-253	200µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	903-011	175µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
	D	904-251	1000µl Liquid Sensing pre-sterilized
904-252		1000µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
904-253		1000µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
904-011		1000µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack



NEW - TECAN CLEARS RE-DESIGNED!



New and improved for the Genesis, Freedom, Evo, and Cavro workstations are the clear versions of our liquid sensing Tecan tips. Designed for researchers not utilizing the conductive features of their platforms, or requiring visual confirmation of their pipetting, these crystal clear tips are available in four sizes, sterile and non-sterile, and with or without the patented ART barrier.



FITS TECAN GENESIS, TECAN FREEDOM, TECAN EVO, AND CAVRO WORKSTATIONS

Tecan Style Clear Tips

	Catalog Number	Description	Unit Packaging
A	901-261	20µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	901-262	20µl Clear non-sterile	96 tips/tray, 10 trays/pack
	901-021	10µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	902-261	50µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	902-262	50µl Clear non-sterile	96 tips/tray, 10 trays/pack
	902-021	50µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C	903-261	200µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	903-262	200µl Clear non-sterile	96 tips/tray, 10 trays/pack
	903-021	175µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
D	904-261	1000µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	904-262	1000µl Clear non-sterile	96 tips/tray, 10 trays/pack
	904-021	1000µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack



A**B**

FITS TECAN GENMATE

Tecan Style Clear Tips

	Catalog Number	Description	Unit Packaging
A	3761	50µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	3762	50µl Clear non-sterile	96 tips/tray, 10 trays/pack
	2760	50µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	3771	300µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	3772	300µl Clear non-sterile	96 tips/tray, 10 trays/pack
	2790	175µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack

A NOTE ON AVAILABILITY

Whether you are currently using BioRobotix brand tips or tips manufactured by another company, we strongly recommend that you have a second source of tips validated for your protocols at all times. As stated earlier, production of these tips is incredibly complex and our experience is that it is easier to validate two tips at the beginning of a protocol than validating a new tip while your application is shut down. We regularly help our customers with validation protocols, so feel free to call us with any questions.

USE STANDARD MODE PIPETTING

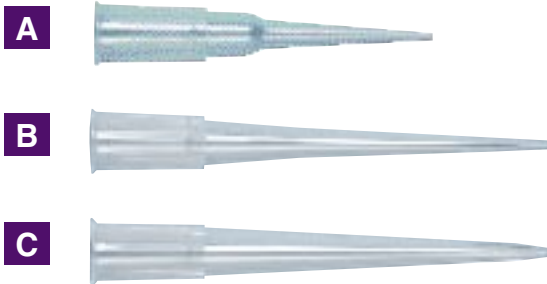
Choose standard mode pipetting rather than “reverse mode”, for all but viscous samples, if accurate and precise results are desired.

In reverse mode pipetting, the plunger is depressed completely (past the first stop) to aspirate the sample, and then depressed only to the first stop to deliver the sample.



NEW! - TECAN TEMO CERTIFIED TIPS!

New to the BioRobotix line, these Tecan TEMO tips have been certified by Tecan for use on their newest workstations, the Tecan TEMO. The TEMO can either be a stand-alone workstation (Tecan Aquarius) or used as a second head on the Tecan Genesis – and MBP is the only manufacturer to offer Certified tips for this new head. Order your free validation samples today!



FITS TECAN TEMO AND TECAN AQUARIUS

Tecan Style Clear Tips

	Catalog Number	Description	Unit Packaging
A	906-261	50µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	906-262	50µl Clear non-sterile	96 tips/tray, 10 trays/pack
	906-021	50µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	907-261	100µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	907-262	100µl Clear non-sterile	96 tips/tray, 10 trays/pack
	907-021	80µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C	908-261	200µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	908-262	200µl Clear non-sterile	96 tips/tray, 10 trays/pack
	908-021	150µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack

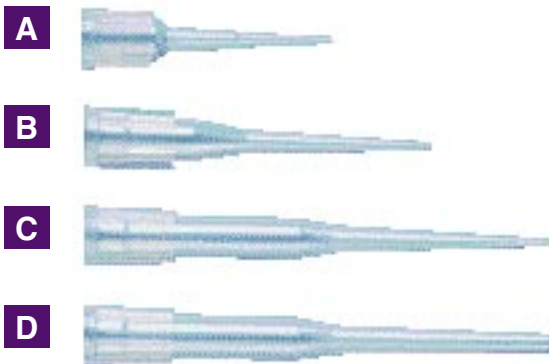


BECKMAN 96-WELL TIPS



New Beckman 10 μ l Tip

The only true 10 μ l Biomek FX tip does not have the large air gap found when trying to Pipet 10 μ l or less with the 20 μ l tip: the 20 μ l can actually hold 70 μ l. This true 10 μ l leads to lower %CVs and better reproducibility.



FITS BECKMAN BIOMEK FX/NX, MULTIMEK AP96, AND BIOMEK 3000

Beckman Style Clear Tips

	Catalog Number	Description	Unit Packaging
A	912-261	10 μ l Clear pre-sterilized	96 tips/tray, 10 trays/pack
	912-262	10 μ l Clear non-sterile	96 tips/tray, 10 trays/pack
	912-021	8 μ l Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	918-261	20 μ l Clear pre-sterilized	96 tips/tray, 10 trays/pack
	918-262	20 μ l Clear non-sterile	96 tips/tray, 10 trays/pack
	918-021	20 μ l Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C	919-261	250 μ l Clear pre-sterilized	96 tips/tray, 10 trays/pack
	919-262	250 μ l Clear non-sterile	96 tips/tray, 10 trays/pack
	919-021	130 μ l Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
Beckman Style Clear Genomic (Wide-bore) Tips			
D	919-261G	250 μ l Clear pre-sterilized large orifice	96 tips/tray, 10 trays/pack
	919-262G	250 μ l Clear non-sterile large orifice	96 tips/tray, 10 trays/pack
	919-021G	130 μ l Clear pre-sterilized ART barrier large orifice	96 tips/tray, 10 trays/pack



E**F**

SPAN - 8 FOR THE BIOMEK FX

Don't settle for clear versions of your Span-8 tips – MBP's experience in molding liquid-sensing tips has created the most reliable and consistent product for your Span-8 head. Make the most of your FX's liquid sensing capabilities with our 20µl and 250µl tips.

FITS BECKMAN BIOMEK FX/NX WITH A SPAN-8 HEAD

Beckman Style Liquid Sensing Tips

Catalog Number	Description	Unit Packaging
E 918-251	20µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
918-252	20µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
918-011	20µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
F 919-251	250µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
919-252	250µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
919-011	130µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack

A**B**

FITS BECKMAN BIOMEK 2000 AND BIOMEK 1000

Beckman Style Clear Tips

Catalog Number	Description	Unit Packaging
A 915-261	20µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
915-262	20µl Clear non-sterile	96 tips/tray, 10 trays/pack
915-021	20µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B 917-261	200µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
917-262	200µl Clear non-sterile	96 tips/tray, 10 trays/pack
917-021	130µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack

C**D**

FITS BECKMAN MULTIMEK W/ TYPE II HEAD (REQUIRES A 3772 ADAPTER**)

Beckman Style Clear Tips

Catalog Number	Description	Unit Packaging
C 3761	50µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
3762	50µl Clear non-sterile	96 tips/tray, 10 trays/pack
2760	50µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
D 3771	300µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
3772	300µl Clear non-sterile	96 tips/tray, 10 trays/pack
2790	175µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack

** These tips must be used in conjunction with a 3772 Adapter. Contact MBP for details.

BECKMAN 384-WELL TIPS



Designed to tolerances strict enough to hit 1536-well plates each and every time, MBP's Beckman style 384-well tips offer incomparable straightness and seal force for the most demanding of experiments. These are your tips of choice for institutions running the Biomek FX/NX or Multimek with a 384-well head. This is the only 384-well pipet tip available with aerosol protection technology.

A

FITS BECKMAN BIOMEK FX/NX WITH A 384-WELL HEAD OR MULTIMEK AP384

Beckman Style Clear 384-well Tips

Catalog Number	Description	Unit Packaging
935-261	30µl Clear pre-sterilized	384 tips/tray, 10 trays/pack
935-262	30µl Clear non-sterile	384 tips/tray, 10 trays/pack
935-021	25µl Clear pre-sterilized ART barrier	384 tips/tray, 10 trays/pack

A



MOLECULAR BIOPRODUCTS ROBOTIX LAB



BIOROBOTIX TIPS

LOW RETENTION BECKMAN

New from Molecular BioProducts, the innovator in pipet tip technology, comes a proprietary manufacturing process that creates more hydrophobic tips: now researchers can pipet viscous samples, load dyes, surfactants and solvents more accurately than ever before. With this technology, less sample is retained within the tip which decreases the amount of reagent loss while significantly increasing the levels of reproducibility from experiment to experiment.

A



B



FITS BECKMAN BIOMEK FX/NX, MULTIMEK AP96, AND BIOMEK 3000

Beckman Style Low Retention Clear Tips

Catalog Number	Description	Unit Packaging
A 918-261-05	20µl Clear pre-sterilized Low Retention	96 tips/tray, 10 trays/pack
918-262-05	20µl Clear non-sterile Low Retention	96 tips/tray, 10 trays/pack
918-021-05	20µl Clear pre-sterilized ART barrier Low Retention	96 tips/tray, 10 trays/pack
B 919-261-05	250µl Clear pre-sterilized Low Retention	96 tips/tray, 10 trays/pack
919-262-05	250µl Clear non-sterile Low Retention	96 tips/tray, 10 trays/pack
919-021-05	130µl Clear pre-sterilized ART barrier Low Retention	96 tips/tray, 10 trays/pack

C



D



FITS BECKMAN BIOMEK 2000 AND BIOMEK 1000

Beckman Style Low Retention Clear Tips

Catalog Number	Description	Unit Packaging
C 915-261-05	20µl Clear pre-sterilized Low Retention	96 tips/tray, 10 trays/pack
915-262-05	20µl Clear non-sterile Low Retention	96 tips/tray, 10 trays/pack
915-021-05	20µl Clear pre-sterilized ART barrier Low Retention	96 tips/tray, 10 trays/pack
D 917-261-05	250µl Clear pre-sterilized Low Retention	96 tips/tray, 10 trays/pack
917-262-05	250µl Clear non-sterile Low Retention	96 tips/tray, 10 trays/pack
917-021-05	130µl Clear pre-sterilized ART barrier Low Retention	96 tips/tray, 10 trays/pack

E



FITS BECKMAN BIOMEK FX/NX WITH A 384-WELL HEAD OR MULTIMEK AP384

Beckman Style Low Retention Clear 384-well Tips

Catalog Number	Description	Unit Packaging
E 935-261-05	30µl Clear pre-sterilized Low Retention	384 tips/tray, 10 trays/pack
935-262-05	30µl Clear non-sterile Low Retention	384 tips/tray, 10 trays/pack
935-021-05	25µl Clear pre-sterilized ART barrier Low Retention	384 tips/tray, 10 trays/pack

PERKIN-ELMER/PACKARD MULTIPROBE II HT HANGING TIPS



MBP's MultiPROBE hanging tips have been the reliable and consistent choice of many researchers for years. These tips were designed specifically for the MultiPROBE II HT, ensuring a superior fit every time. Offered in clear or liquid-sensing, our tips guarantee the highest level of performance for your critical applications.

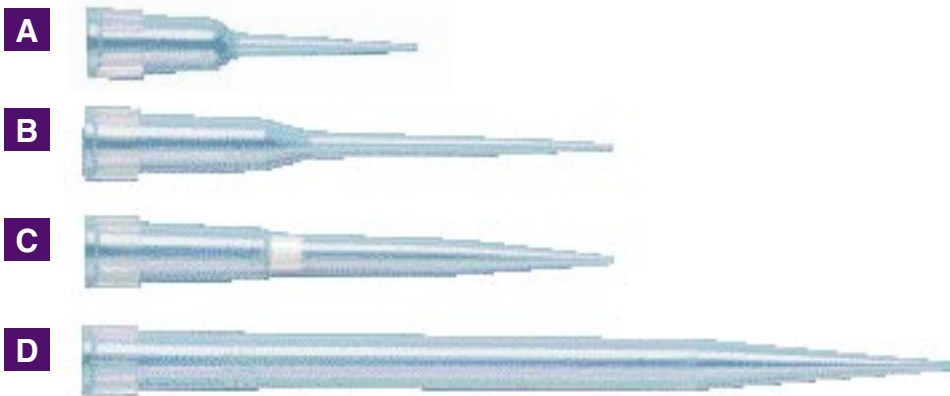


FITS PERKIN-ELMER/PACKARD MULTIPROBE II HT, MULTIPROBE II HT EX WITH HANGING TIPS

Perkin-Elmer Style Liquid Sensing Tips

	Catalog Number	Description	Unit Packaging
A	901-251	20µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
	901-252	20µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	901-253	20µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	901-011	10µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	902-251	50µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
	902-252	50µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	902-253	50µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	902-011	50µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C	903-251	200µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
	903-252	200µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	903-253	200µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	903-011	175µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
D	904-251	1000µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
	904-252	1000µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	904-253	1000µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	904-011	1000µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack





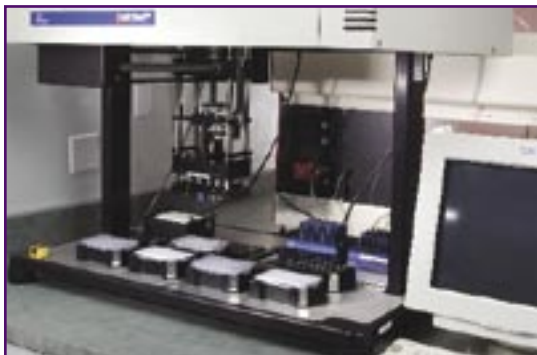
FITS PERKIN-ELMER/PACKARD MULTIPROBE II HT, MULTIPROBE II HT EX WITH HANGING TIPS

Perkin-Elmer Style Clear Tips

	Catalog Number	Description	Unit Packaging
A	901-261	20µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	901-262	20µl Clear non-sterile	96 tips/tray, 10 trays/pack
	901-021	10µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	902-261	50µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	902-262	50µl Clear non-sterile	96 tips/tray, 10 trays/pack
	902-021	50µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C	903-261	200µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	903-262	200µl Clear non-sterile	96 tips/tray, 10 trays/pack
	903-021	175µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
D	904-261	1000µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	904-262	1000µl Clear non-sterile	96 tips/tray, 10 trays/pack
	904-021	1000µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack



NEW-PERKIN-ELMER/PACKARD CCS TIPS!



Enhance the performance of your Perkin-Elmer CCS workstations with MBP's newest BioRobotix tips. Designed for PlateTrak, MiniTrak & Evolution P-3, these tips offer the ultimate in precision for your toughest multi-dispensing assays. Available in 20µl, 50µl, and 235µl volumes, and in sterile, non-sterile & ART barrier formats. In addition, only MBP now offers our CCS 384s in the coveted 96-well format for 96-well pipetting from your CCS 384-well heads!



FITS PERKIN-ELMER/PACKARD PLATETRAK, MINITRAK & EVOLUTION P-3

Perkin-Elmer CCS Style Clear Tips

	Catalog Number	Description	Unit Packaging
A	925-261	20µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	925-262	20µl Clear non-sterile	96 tips/tray, 10 trays/pack
	925-021	10µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	927-261	50µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	927-262	50µl Clear non-sterile	96 tips/tray, 10 trays/pack
	927-021	40µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C	929-261	235µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	929-262	235µl Clear non-sterile	96 tips/tray, 10 trays/pack
	929-021	180µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack



FITS PERKIN-ELMER/PACKARD PLATETRAK, MINITRAK & EVOLUTION P-3 WITH A 384-WELL HEAD

Perkin-Elmer CCS Style Clear 384-well Tips

	Catalog Number	Description	Unit Packaging
D	931-261	30µl Clear pre-sterilized	384 tips/tray, 10 trays/pack
	931-262	30µl Clear non-sterile	384 tips/tray, 10 trays/pack
	931-021	20µl Clear pre-sterilized ART barrier	384 tips/tray, 10 trays/pack
E	931-362	30µl Clear non-sterile 384 tips	96 tips/tray, 10 trays/pack
	931-322	20µl Clear non-sterile ART barrier 384 tips	96 tips/tray, 10 trays/pack

MOLECULAR DEVICES FLIPR 384-WELL TIPS



If unsurpassed straightness and low %CV's at a competitive price is what you are looking for in your Molecular Devices FLIPR tips, MBP is your choice. Only MBP offers FLIPR style tips to fit both the "Type A" CCS 384-well head and the "Type B" Liberty 384-well head in several different varieties. Log on to www.mbpinc.com for your free validation samples today!

A



FITS MOLECULAR DEVICES FLIPR WITH A "TYPE A" OR CCS 384-WELL HEAD

Molecular Devices Style Clear 384-well Tips

Catalog Number	Description	Unit Packaging
931-261	30µl Clear pre-sterilized	384 tips/tray, 10 trays/pack
931-262	30µl Clear non-sterile	384 tips/tray, 10 trays/pack
931-021	20µl Clear pre-sterilized ART barrier	384 tips/tray, 10 trays/pack

A

B



FITS MOLECULAR DEVICES FLIPR WITH A "TYPE B" OR LIBERTY 384-WELL HEAD

Molecular Devices Style Clear 384-well Tips

Catalog Number	Description	Unit Packaging
937-261	30µl Clear pre-sterilized	384 tips/tray, 10 trays/pack
937-262	30µl Clear non-sterile	384 tips/tray, 10 trays/pack

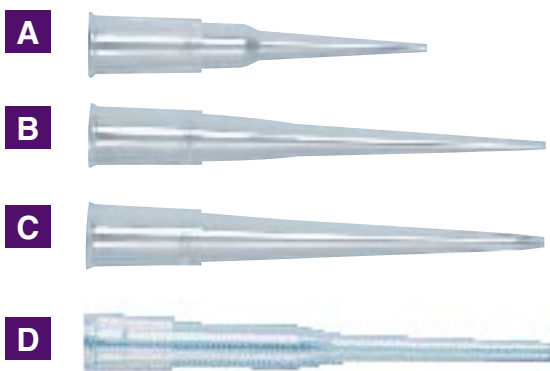
B



CALIPER/ZYMARK AUTOMATION CERTIFIED PIPET TIPS



Molecular BioProducts is the exclusive manufacturer of the 96-well format Caliper Automation Certified Pipet Tips. MBP and Caliper have partnered to provide users with the highest quality and best value consumables for their Caliper Rapidplates and Sciclones. These products are manufactured to Caliper's exacting specifications under stringent quality assurance guidelines. All racks provide the sturdiness required by automation equipment, and the tips are designed to provide exceptional straightness. In addition, all tips are certified to be DNase and RNase free. Sterile, Non-Sterile, and ART versions of the 96-well formats are available in 50µl, 100µl, and 200µl volumes.

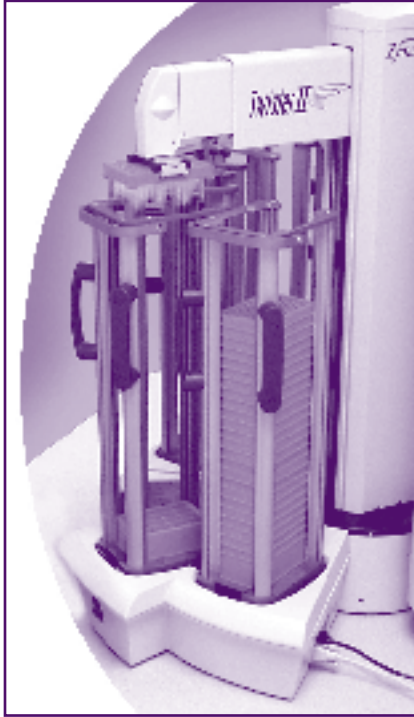


FITS CALIPER/ZYMARK RAPIDPLATE, PRESTO, SCICLONE & ALLEGRO

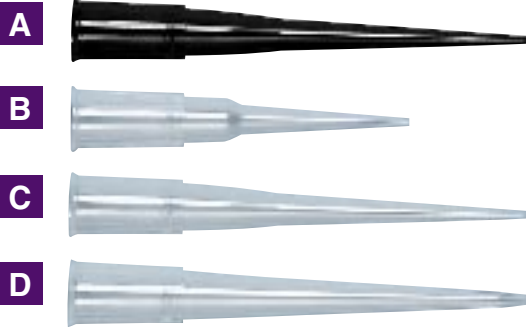
Caliper/Zymark Style Clear Tips

	Catalog Number	Description	Unit Packaging
A	920-261	50µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	920-262	50µl Clear non-sterile	96 tips/tray, 10 trays/pack
	920-021	40µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	921-261	100µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	921-262	100µl Clear non-sterile	96 tips/tray, 10 trays/pack
	921-021	80µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
C	923-261	200µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	923-262	200µl Clear non-sterile	96 tips/tray, 10 trays/pack
	923-021	150µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
Caliper/Zymark Style Clear Genomic (Wide-bore) Tips			
D	921-261G	100µl Clear pre-sterilized large orifice	96 tips/tray, 10 trays/pack
	921-262G	100µl Clear non-sterile large orifice	96 tips/tray, 10 trays/pack
	921-021G	80µl Clear pre-sterilized ART barrier large orifice	96 tips/tray, 10 trays/pack

CALIPER/ZYMARK CERTIFIED TWISTER



For use with CALIPER/Zymark instrumentation. Microplate style pipet tip trays are specifically designed for use with the Twister and Twister II Plate handlers. This allows the transfer of pipet tips onto CALIPER/Zymark RapidPlate 96/384 and SciClone ALH workstations with minimal manual intervention.



FITS CALIPER/ZYMARK TWISTER PLATE HANDLER WITH RAPIDPLATE, PRESTO, SCICLONE & ALLEGRO

Caliper/Zymark Style Liquid Sensing Tips

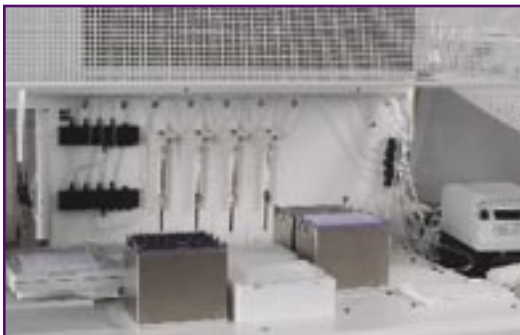
Catalog Number	Description	Unit Packaging
921-251-30	100µl Liquid Sensing pre-sterilized	96 tips/tray, stacks of 30 plates
921-252-30	100µl Liquid Sensing non-sterile	96 tips/tray, stacks of 30 plates

Caliper/Zymark Style Clear Tips

920-261-30	50µl Clear pre-sterilized	96 tips/tray, stacks of 30 plates
920-262-30	50µl Clear non-sterile	96 tips/tray, stacks of 30 plates
921-261-30	100µl Clear pre-sterilized	96 tips/tray, stacks of 30 plates
921-262-30	100µl Clear non-sterile	96 tips/tray, stacks of 30 plates
923-261-30	200µl Clear pre-sterilized	96 tips/tray, stacks of 30 plates
923-262-30	200µl Clear non-sterile	96 tips/tray, stacks of 30 plates



QIAGEN



Aspire to the best in quality for your Qiagen BioRobots. Only MBP's Qiagen tips can offer superior liquid-sensing technology to perform seamlessly with both the old and new Qiagen software. These are the only Qiagen tips offered with our patented ART barrier as well as in sterile or non-sterile varieties. Contact MBP Customer Service today for a free trial!



FITS QIAGEN BIOROBOT 3000, BIOROBOT 8000, BIOROBOT 9600, BIOROBOT 9604, ROSYS AND COLIBRI

QIAGEN/Rosys/Colibri Style Liquid Sensing Tips

	Catalog Number	Description	Unit Packaging
A	951-251	300µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
	951-252	300µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	951-253	300µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	951-011	250µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
B	953-251	1100µl Liquid Sensing pre-sterilized	96 tips/tray, 10 trays/pack
	953-252	1100µl Liquid Sensing non-sterile	96 tips/tray, 10 trays/pack
	953-253	1100µl Liquid Sensing non-sterile Econopak	96 tips/tray, 50 trays/pack
	953-011	1000µl Liquid Sensing pre-sterilized ART barrier	96 tips/tray, 10 trays/pack



FITS QIAGEN BIOROBOT 3000, BIOROBOT 8000, BIOROBOT 9600, BIOROBOT 9604, ROSYS AND COLIBRI

Qiagen/Rosys/Colibri Style Clear Tips

	Catalog Number	Description	Unit Packaging
C	951-261	300µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	951-262	300µl Clear non-sterile	96 tips/tray, 10 trays/pack
	951-021	250µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack
D	953-261	1100µl Clear pre-sterilized	96 tips/tray, 10 trays/pack
	953-262	1100µl Clear non-sterile	96 tips/tray, 10 trays/pack
	953-021	1000µl Clear pre-sterilized ART barrier	96 tips/tray, 10 trays/pack