

ISO9001 & ISO13485 & ISO11137

Product Name:	NEST Automation Tips		
Product Application:	It can be used for research and development and other commonly used		
	applications with needs of high-throughput pipetting in genomics, proteomics,		
	cytomics, immunoassays, metabolomics, biopharmaceuticals.		
	1. NEST Automatic Tips have two types: clear and black.		
	2. Tecan automation tips may be used with the TECAN Freedom EVOlyzers and		
	fully automatic sampling systems.		
	3. Hamilton automation conductive tips are used in conjunction with Hamilton		
	series workstations.		
	4. Beckman robotic tips are used in Beckman FX/NX,Biomek i5/ i7 and Biomek		
	3000.		
Product Materials:	Medical-grade polypropylene (PP)		
product Specifications:	Temperature range: stored at room temperature		
	Shelf life: 3 Years after date of production (ensure package is in good)		
Sterilization:	Yes.		
	Sterilized by E-beam, Sterility Assurance Level: SAL=10 ⁻⁶ . The product has been		
	irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137.		
Pyrogens:	Non-Pyrogenic		
RNase/DNase:	DNase/RNase free		
BSE/TSE:	These products are deemed animal free.		
Performance Testing:	Each manufacturing lot is sampled and tested in accordance with standard operating		
	procedures.		
	Appearance inspection: qualified Air tightness test: qualified		
	Tests for resistance and CV values: qualified Packaging inspection: qualified		
Features	1. Medical-grade polypropylene (PP) materials is Imported and selected strictly		
	accordance with the industry requirements to ensure the stability of materials between		
	batches.		
	2. The production is produced automatically in one hundred thousand level purification		
	workshops, to ensure no DNA, RNA, proteases and pyrogens.Tips are packed in separate		
	cavities with uniform conductivity: tips of each box share the same cavity number to ensure		
	the product traceability and the conductivity uniformity and to improve the accuracy of		
	experimental results, greatly reducing the difference between individual products.		
	3. The process technology is unique, to ensure that the Tips has a smooth inner surface,		
	greatly reducing the amount of liquid residue.		
	4. Compatible with a variety of automated sample processing platforms. The structure		
	drawing test is according to the original adaptor, with a mature injection molding process,		
	to ensure that the product has good air tightness and adaptability, improve the product in		
	the work of mechanical accuracy.		
	5. The control is strictly, to according to customer's needs for effective quality inspection,		
	with no DNA, RNA, protease and heat source testing, sterility testing, etc.		

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	6. Air tightness detection: the precision detector is used to check the air tightness
	between the Tips and the adapter, to ensure that each batch of products have good air
	tightness.
	7. The test equipment is used online to control the size and concentricity of products in
	production line, saving time and improving product quality.
	8. There are two styles with and without filter. The Automatic Filter Tips are filtered
	through porous tissue to ensure optimal performance and is extremely hydrophobic,
	forming a robust barrier against aerosols and eliminating the risk of cross-contamination of
	the sample.
	9. Strong package: the high-strength blister card outer package with thickened wall,
	which is impact-resistant and dropping-resistant, ensures the integrity and safety of the
	product under harsh transport conditions.
	NEST Automatic Tips have two types
	NEST Automation Conductive Tips:
	NEST Automation black Conductive Tips are made of Medical-grade black conductive
	polypropylene (PP) materials
	 Tests for resistance and CV values: a certain number of products are sampled for
	each batch for inspection, which is conducted using precise and unique measuring
	tools to ensure the accuracy and reliability of the test results to ensure the uniform
	conductivity of products.
	NEST Automatic Transparent Tips:
	NEST Automatic transparent Tips are made of polymer material polypropylene (PP),
	and the surface is treated with a special process to have high hydrophobicity.
	The automatic transparent tip is carefully made for special purposes and is designed
	to bring more efficient efficiency and repeatability to your work.
Types of Packaging	There are two packaging methods: Blister Package and Plastic Rack
	Blister Package:
	Sheet is a new kind of materials developed in recent years, with its good toughness, high
	strength, high transparency, and can be recycled, combustion does not produce harmful
	gases, excellent environmental performance and convenient user use, suction head new
	NEST conductive immovable blister, blister process will be transparent plastic plate made
	specific convex shape of transparent plastic, cover on the surface of the product, protect,
	and beautify the role of the product.
	 It has good transparency and smoothness, and good display effect.
	 With good mechanical strength, bubble shell material outer packaging, wall thickness
	size, anti-impact, anti-drop, to ensure the integrity and safety of the product under harsh
	transportation conditions.
	 Good barrier performance for oxygen and water vapor
	 Good chemical resistance can withstand a variety of chemical material erosion. Non taxin reliable health performance can be used for food, medicine, and medical
	5. Non-toxic, reliable health performance can be used for food, medicine, and medical

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equipment packaging, and can tolerate gamma ray disinfection of its packaging items.

6. Good adaptability to environmental protection, can be economical and convenient

recycling, do not produce harmful substances harmful to the environment.

7. The thermal forming performance is good, and the ordinary sheet material, in line with

the environmental protection requirements of an ideal packaging material.

8. Convenient for users in the automation of large quantities of high efficiency.

Plastic Racked:

1. The plastic box is made of high-strength PP material, which has good strength and is not easy to deform.

2. The product size conforms to the industry SBS size standard and is suitable for a variety of automated pipetting workstation platforms.

3. Plastic boxed suction heads solve the unmanned contact needs of special application

enterprises, avoid hand contact, reduce pollution risks, and improve work efficiency.

4. No DNA\RNase, no endotoxin

Product Range

Automation Conductive Tips for Tecan, Black				
Images	Cat. No.	Product Description	Packing	
	332002	50 µl Automation Tips for Tecan, Conductive, Black, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs	
	332012	50 µl Automation Filter Tips for Tecan, Conductive, Black, Sterile, Blister Packed,	96 Tips*2 Blisters/pk, 2304/cs	
	332102	200 µl Automation Tips for Tecan, Conductive, Black, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs	
	332112	200 µl Automation Filter Tips for Tecan, Conductive, Black, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs	
	332202	1000 µl Automation Tips for Tecan, Conductive, Black, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs	
	332212	1000 µl Automation Filter Tips for Tecan, Conductive, Black, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs	
	332016	50 µl Automation Filter Tips for Tecan, Conductive, Black, Sterile, Box-packed	96 /pk, 4800/cs	

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	200 µl Automation Filter Tips for	96 /pk, 4800/cs
116	Tecan, Conductive, Black, Sterile,	
	Box-packed	
	1000 µl Automation Filter Tips for	96 /pk, 4800/cs
216	Tecan, Conductive, Black, Sterile,	
	Box-packed	
	-	200 μl Automation Filter Tips for116Tecan, Conductive, Black, Sterile, Box-packed1000 μl Automation Filter Tips for Tecan, Conductive, Black, Sterile,

Automation Tips for Tecan, Clear			
	332003	50 μl Automation Tips for Tecan, Clear, Sterile, Blister Packed	96 Tips*2 Blister/pk, 2304/cs
	332013	50 µl Automation Filter Tips for Tecan, Clear, Sterile, Blister Packed,	96 Tips*2 Blisters/pk, 2304/cs
T	332103	200 µl Automation Tips for Tecan, Clear, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs
and the second second	332113	200 µl Automation Filter Tips for Tecan, Clear, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs
	332203	1000 μl Automation Tips for Tecan, Clear, Sterile, Blister Packed,	96 Tips*2 Blisters/pk, 2304/cs
	332213	1000 μl Automation Filter Tips for Tecan, Clear, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs
	332007	50 μl Automation Tips for Tecan, Clear, Sterile, Racked,	96/pk, 4800/cs
	332017	50 µl Automation Filter Tips for Tecan, Clear, Sterile, Racked	96/pk, 4800/cs
	332107	200 µl Automation Tips for Tecan, Clear, Sterile, Racked	96/pk, 4800/cs
	332117	200 µl Automation Filter Tips for Tecan, Clear, Sterile, Racked	96/pk, 4800/cs
	332207	1000 μl Automation Tips for Tecan, Clear, Sterile, Racked	96/pk, 4800/cs
	332217	1000 µl Automation Filter Tips for Tecan, Clear, Sterile, Racked	96/pk, 4800/cs

Automation Conductive Tips for Hamilton, Black				
	345002	50 µl Automation Tips for Hamilton,	Blister Packed, 96/pk, 2304/cs	
		Conductive, Black, Sterile		
	345012	50 µl Automation Filter Tips for	Blister Packed, 96/pk, 2304/cs	
		Hamilton, Conductive, Black, Sterile		

 Head Office
 No. 530, Xida Road, Meicun Industrial Park, Xinwu District, Wuxi, Jiangsu, China

 Tel:
 +86+ 510-6800 6788
 Email: info@nest-wuxi.com

 Online:
 www.cell-nest.com
 Email: info@nest-wuxi.com

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	345102	300 µl Automation Tips for Hamilton,	Blister Packed, 96/pk, 2304/cs
		Conductive, Black, Sterile	
	345112	300 µI Automation Filter Tips for	Blister Packed, 96/pk, 2304/cs
Million and a start of the star	345112	Hamilton, Conductive, Black, Sterile	
	245202	1000 µl Automation Tips for Hamilton,	Blister Packed, 96/pk, 2304/cs
	345202	Conductive, Black, Sterile	
	245242	1000 µl Automation Filter Tiprs for	Blister Packed, 96/pk, 2304/cs
	345212	Hamilton, Conductive, Black, Sterile	
		50 µl Automation Filter Tips for	Blister Packed, 96/pk, 2304/cs
	345013	Hamilton, Conductive, Black, with	
and the art the second second		Barcode, Sterile	
		300 µl Automation Filter Tips for	Blister Packed, 96/pk, 2304/cs
	345113	Hamilton, Conductive, Black, with	
TREAT TOTAL		Barcode, Sterile	
		1000 µl Automation Filter Tiprs for	Blister Packed, 96/pk, 2304/cs
	345213	Hamilton, Conductive, Black, with	
		Barcode, Sterile	
		50 µl Automation Filter Tips for	Blister Packed, 96 Tips*5
	345015	Hamilton, Conductive, Black, with	Blisters/pk, 5760/cs
		Barcode, Sterile,	
	345005	50 µl Robotic Tips for Hamilton,	96 Tips*5 Blisters/pk, 5760/cs
	345005	Conductive, with Barcode, Sterile	
		300 µl Automation Filter Tips for	96 Tips*5 Blisters/pk, 5760/cs
	345115	Hamilton, Conductive, Black, with	
in an and the second		Barcode, Sterile, Blister Packed	
	345105	300 μl Robotic Tips for Hamilton,	96 Tips*5 Blisters/pk, 5760/cs
	345105	Conductive, with Barcode, Sterile	
		1000 µl Automation Filter Tips for	Blister Packed, 96 Tips*5
	345215	Hamilton, Conductive, Black, with	Blisters/pk, 3840/cs
		Barcode, Sterile,	
-	245205	1000 µl Robotic Tips for Hamilton,	96 Tips*5 Blisters/pk, 3840/cs
	345205	Conductive, with Barcode, Sterile	

Automation Tips for Hamilton, Clear			
	345503	50 µl Automation Tips for Hamilton,	Blister Packed, 96/pk, 2304/cs
		Clear, Sterile, with Barcode	
	345513	50 µl Automation Filter Tips for	Blister Packed, 96/pk, 2304/cs
		Hamilton, Clear, Sterile, with Barcode	
	345603	300 µl Automation Tips for Hamilton,	Blister Packed, 96/pk, 2304/cs
		Clear, Sterile, with Barcode	

Head Office No.

No. 530, Xida Road, Meicun Industrial Park, Xinwu District, Wuxi, Jiangsu, China Tel: +86+ 510-6800 6788 Email: info@nest-wuxi.com Online: www.cell-nest.com Oversea

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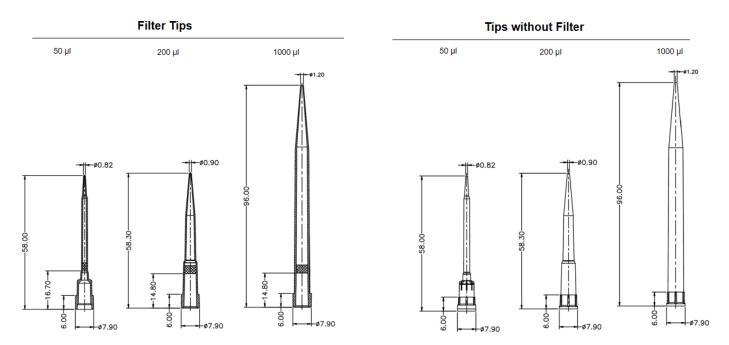


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	345613	300 µI Automation Filter Tips for	Blister Packed, 96/pk, 2304/cs
		Hamilton, Clear, Sterile, with Barcode,	
	245702	1000 µl Automation Tips for Hamilton,	Blister Packed, 96/pk, 2304/cs
	345703	Clear, Sterile, with Barcode	
	345713	1000 µl Automation Filter Tips for	Blister Packed, 96/pk, 2304/cs
		Hamilton, Clear, Sterile, with Barcode	

Automation Tips for Beckman, Clear				
	317511	250 µl Automation Tips for Beckman,	Racked, 96/pk, 4800/cs	
	317511	Clear, Sterile		
	317501	190 µl Automation Filter Tips for	Racked, 96/pk, 4800/cs	
		Beckman, Clear, Sterile		
	317011	1070 µl Automation Tips for Beckman,	Racked, 96/pk, 4800/cs	
		Clear, Sterile		
	317101	1000 µl Automation Filter Tips for	Racked, 96/pk, 4800/cs	
		Beckman, Clear, Sterile		

Technical Drawing

T-brand Automation Tips



 Head Office
 No. 530, Xida Road, Meicun Industrial Park, Xinwu District, Wuxi, Jiangsu, China

 Tel: +86+ 510-6800 6788
 Email: info@nest-wuxi.com

 Online:
 www.cell-nest.com

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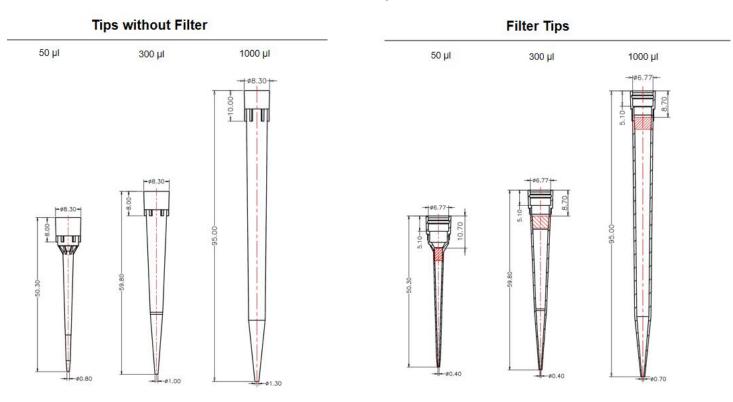
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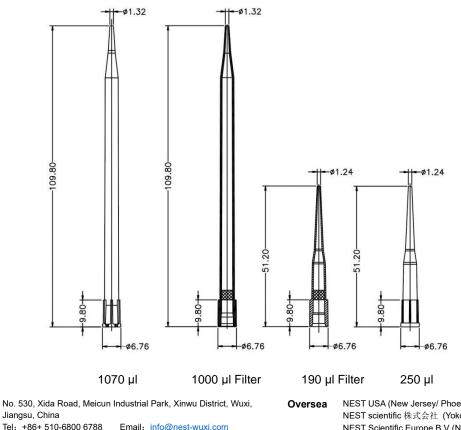


CE

H-brand Automation Tip (Filter)



B-brand Automation Tips



Head Office Jiangsu, China Tel: +86+ 510-6800 6788 Email: info@nest-wuxi.com Online: www.cell-nest.com

