

# NEST Automation Tips

## NEST Automation Conductive Tips

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.

### Features

1. Medical-grade black conductive polypropylene (PP) materials.
2. Electron beam sterilization: safe and fast, without chemical residue.
3. 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.
4. Smooth inner surface: the unique process technology ensures that the tips have smooth inner surfaces, therefore greatly reducing the amount of residual liquid.
5. Super hydrophobicity: the porous tissue filtration by filter tip ensures optimum performance and the super hydrophobicity of the tip forms a strong barrier against aerosols and eliminates the risk of sample cross-contamination.
6. 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.
7. Good air tightness and adaptability: the structure mapping is conducted per the original adapter and the proven injection-molding ensures that the products have good air tightness and adaptability, improving the mechanical precision of the products during work.
8. Strict quality management and control test: Manufactured in a 100-thousand grade clean plant, Effective quality inspections are conducted for strict quality management and control per the client's needs, including tests for DNA, RNA, proteases, and pyrogens.
9. Air tightness test: precise equipment are used to test the air tightness between the tip and the adapter, to ensure good air tightness for each batch of products.
10. 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 tip is 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.

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	Website	: www.cell-nest.com		Website	: www.nestscientificusa.com
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## Features

1. Medical grade high-tenacity polypropylene (PP) material 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, protease and heat source. Product points collection, packaging, each box of products with the same point number, to ensure the traceability of products, improve the accuracy of experimental results, greatly reduce the deviation 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. 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.
6. IAir 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. The robotic 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.

## Types of Packaging

### 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.

1. It has good transparency and smoothness, and good display effect.
2. 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.
3. Good barrier performance for oxygen and water vapor
4. Good chemical resistance can withstand a variety of chemical material erosion.
5. Non-toxic, reliable health performance can be used for food, medicine, and medical 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

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## Features

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

## Application

1. 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.
2. Tecan automation tips may be used with the TECAN Freedom EVOlyzers and fully automatic sampling systems.
3. Hamilton automation tips are used in conjunction with Hamilton series workstations.

## 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 <b>Filter</b> 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 <b>Filter</b> 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 <b>Filter</b> Tips for Tecan, Conductive, Black, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs

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 <b>Filter</b> Tips for Tecan, Clear, Sterile, Blister Packed,	96 Tips*2 Blisters/pk, 2304/cs
	332103	200 µl Automation Tips for Tecan, Clear, Sterile, Blister Packed	96 Tips*2 Blisters/pk, 2304/cs
	332113	200 µl Automation <b>Filter</b> 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 <b>Filter</b> 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 <b>Filter</b> 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 <b>Filter</b> 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 <b>Filter</b> Tips for Tecan, Clear, Sterile, Racked	96/pk, 4800/cs

Automation Conductive Tips for Hamilton, Black			
	345002	50 µl Automation Tips for Hamilton, Conductive, Black, Sterile	Blister Packed, 96/pk, 2304/cs
	345012	50 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, Sterile	Blister Packed, 96/pk, 2304/cs
	345102	300 µl Automation Tips for Hamilton, Conductive, Black, Sterile	Blister Packed, 96/pk, 2304/cs
	345112	300 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, Sterile	Blister Packed, 96/pk, 2304/cs
	345202	1000 µl Automation Tips for Hamilton, Conductive, Black, Sterile	Blister Packed, 96/pk, 2304/cs
	345212	1000 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, Sterile	Blister Packed, 96/pk, 2304/cs

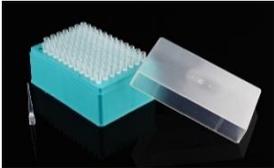
ISO9001 & ISO13485 & ISO11137

	345013	50 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, with Barcode, Sterile	Blister Packed, 96/pk, 2304/cs
	345113	300 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, with Barcode, Sterile	Blister Packed, 96/pk, 2304/cs
	345213	1000 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, with Barcode, Sterile	Blister Packed, 96/pk, 2304/cs
	345015	50 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, with Barcode, Sterile,	Blister Packed, 96 Tips*5 Blisters/pk, 5760/cs
	345115	300 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, with Barcode, Sterile, Blister Packed	96 Tips*5 Blisters/pk, 5760/cs
	345215	1000 µl Automation <b>Filter</b> Tips for Hamilton, Conductive, Black, with Barcode, Sterile,	Blister Packed, 96 Tips*5 Blisters/pk, 3840/cs

**Automation Tips for Hamilton, Clear**

	345503	50 µl Automation Tips for Hamilton, Clear, Sterile, with Barcode	Blister Packed, 96/pk, 2304/cs
	345513	50 µl Automation <b>Filter</b> Tips for Hamilton, Clear, Sterile, with Barcode	Blister Packed, 96/pk, 2304/cs
	345603	300 µl Automation Tips for Hamilton, Clear, Sterile, with Barcode	Blister Packed, 96/pk, 2304/cs
	345613	300 µl Automation <b>Filter</b> Tips for Hamilton, Clear, Sterile, with Barcode,	Blister Packed, 96/pk, 2304/cs
	345703	1000 µl Automation Tips for Hamilton, Clear, Sterile, with Barcode	Blister Packed, 96/pk, 2304/cs
	345713	1000 µl Automation <b>Filter</b> Tips for Hamilton, Clear, Sterile, with Barcode	Blister Packed, 96/pk, 2304/cs

**Automation Tips for Beckman, Clear**

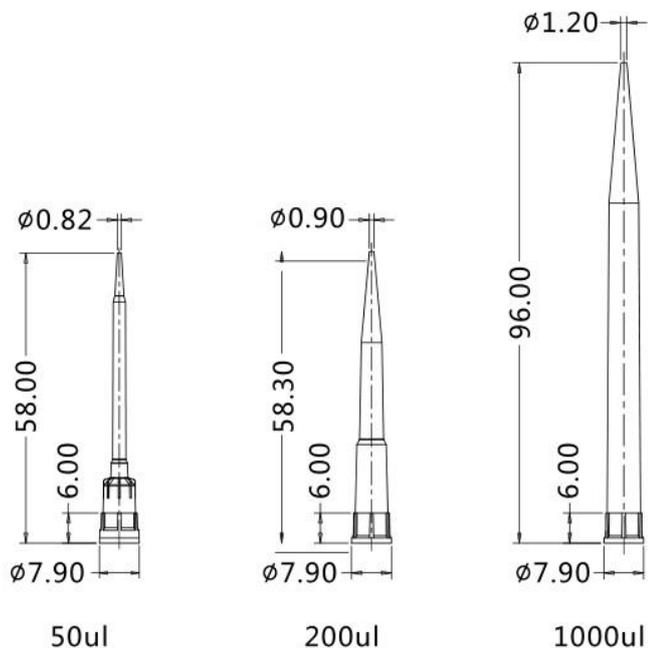
	317511	250 µl Automation Tips for Beckman, Clear, Sterile	Racked, 96/pk, 4800/cs
	317501	190 µl Automation <b>Filter</b> Tips for Beckman, Clear, Sterile	Racked, 96/pk, 4800/cs
	317011	1070 µl Automation Tips for Beckman, Clear, Sterile	Racked, 96/pk, 4800/cs
	317101	1000 µl Automation <b>Filter</b>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

- TECAN automation conductive tips may be used with the TECAN Freedom EVOlyzers and fully automatic sampling systems.
- Hamilton automation conductive tips are used in conjunction with Hamilton series workstations.
- Beckman robotic tips are used in Beckman FX/NX, Biomek i5/ i7 and Biomek 3000.

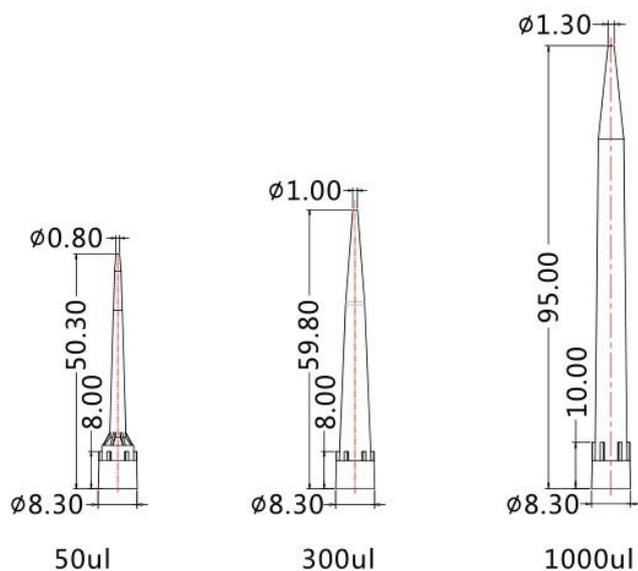
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Technical Drawing

T-brand Automation Tips

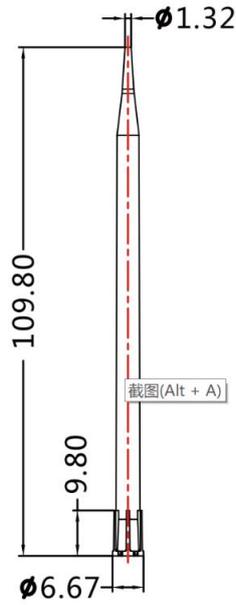


H-brand Automation Tips

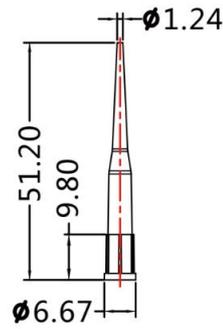


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B-brand Automation Tips



317011/317101



317511/317501

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