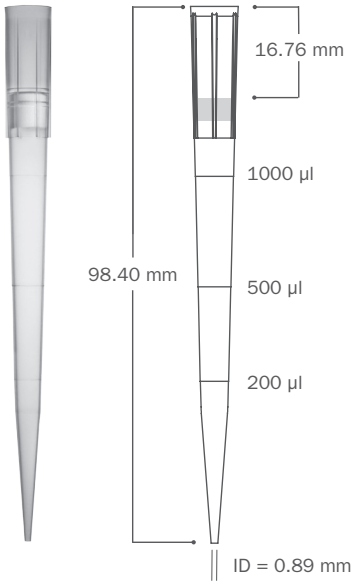
NEPTUNE™
Tools for Life Sciences

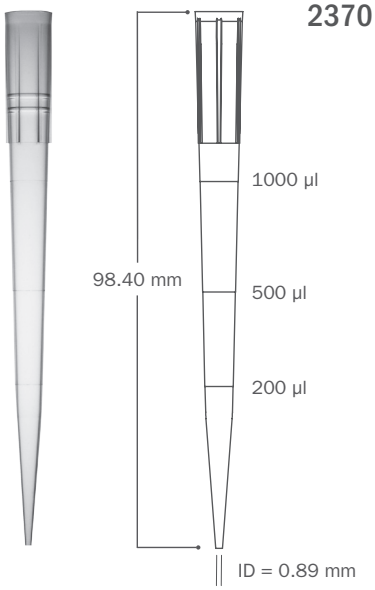
Product Specification Sheet

Series	BT1250 Series 1250 µl Extended Length Barrier Tip	2370 Series 1250 µl Extended Length Barrier Tip		
Part Number	BT1250.N BT1250	2370.N	2377.N 2377.NS 2377 2377.S	2372.N 2372.NS 2372 2372.S
Graduation Marks	Graduation marks are indicated at 200 µl, 500 µl and 1000 µl locations – refer to product image for visuals			
Tip Composition	Neptune pipette tips are made of virgin polypropylene			
Tip Type Available	Natural Polypropylene and S³*	Natural Polypropylene	Natural Polypropylene and S³*	
Filter Material	High Density Polyethylene Filter	Non-filtered Products		
Offered in Pre-Sterile Format	Yes	No	Yes	
Configuration	Racked	Bulk	ESP Reload**	Racked
Packaging Breakdown	96 tips per rack 8 racks per pack 4 packs per case	1000 tips per bag 4 bags per case	96 tips per card 10 cards per pack 5 packs per case	96 tips per rack 8 racks per pack 4 packs per case
Autoclavable	No	Autoclavable at 120˚C for 10-15 minutes at 15 PSI		
Storage Conditions	Store in a clean, dry environment at room temperature 15-30˚C			

BT1250 Series



2370 Series



S³* Sample Saving Surface virtually eliminates sample hold-up
ESP Reload** Neptune's patented reload system
Environmentally Sustainable Pack (ESP) reduces plastic waste by up to 90%

Quality Control:

Certificates of Compliance	Each lot undergoes stringent inspection and individual lot testing ensures Neptune products are certified RNase, DNase, DNA and Endotoxin-free. Visit www.neptunescientific.com to obtain a copy of a certificate of compliance for your Neptune product.
RNase/DNase	Products are washed in distilled water and concentrated via centrifugation. Samples are added to previously established nucleic acid standards, incubated for one hour at 37°C, and tested on a 2% gel using electrophoresis. Products must show no degradation of standards to pass. Test sensitivity is 10^{-7} Kunitz units/µl.
Nucleic Acid	Products are washed in distilled water and concentrated via centrifugation. Then, samples are added to protocol specified PCR reactions and thermal cycled for 50 cycles. A 2% agarose gel electrophoresis is used to examine experimental samples, positive controls, and negative controls. To pass, product samples must show no DNA amplification. Test sensitivity is 10 ng.
Endotoxin/Pyrogen	Products are tested for endotoxins by using the Limulus Amebocyte Lysate (LAL) gel assay according to FDA guidelines. Test sensitivity is 0.06 EU/ml.
Sterilization	Products are sterilized using electron beam irradiation.
Traceability	Each product contains a 5 digit lot number located on the rack, pack and case of each finished good. With Neptune's advanced manufacturing process all raw materials are able to be traced for maximum quality assurance.

Advancements in Liquid Handling:

S^3	Neptune's exclusive S^3 polymer was designed to increase pipetting accuracy by virtually eliminating tip retention and sample hold-up.
ESP Reload	Neptune's ESP (Environmentally Sustainable Pack) was the industry's first pipette reload system designed to minimize plastic waste by 90% and provide an environmentally friendly solution.
Aerosol Barrier Tip	Specifically engineered to reduce cross contamination.

Pipettor Compatibility:

BT1250 and 2370 Series
Biohit Proline™ 1000 µl
Brand Transferpette™ 1000 µl
CLP Beta-Pette™ 1000 µl
CLP Poseidon™ 1000 µl
CLP Poseidon Electronic™ 1000 µl
Eppendorf Reference™ 1000 µl
Eppendorf Research™ 1000µl
Eppendorf Research Plus™ 1000 µl
Eppendorf Xplorer™ 1000 µl
Finnpipette™ 1000 µl & 1200 µl
Gilson Plpetman™ P1000
Hamilton™ 1000 µl
Labnet BioPette E™ 1200 µl
Nichiryo Nichipet EX™ 1000 µl
Socorex Calibri 822™ 1000 µl
VWR Ergonomic High Performance™ 1000 µl
VWR Ultra High Performance™ 1000 µl