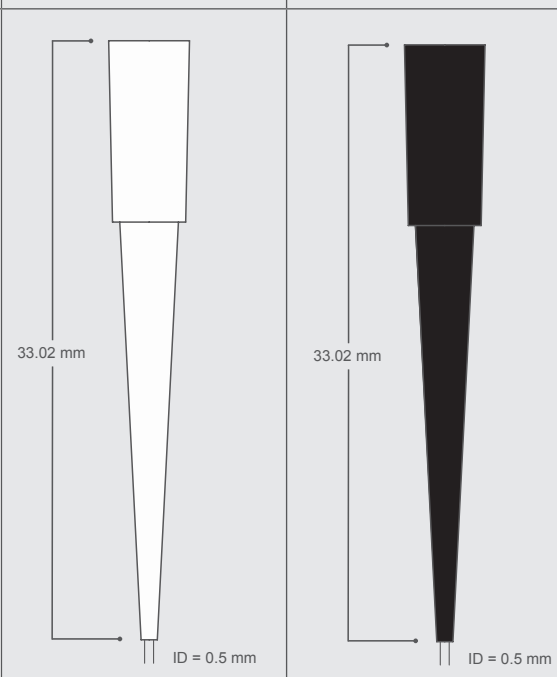


Description	Molecular Devices® FLIPR® Liberty Robotic Tip Type B	Molecular Devices® FLIPR® Liberty Robotic Tip Type B, Black
<b>Biotix Part #</b>	<b>F-0030-3SC</b>	<b>F-0030-3SB</b>
Maximum volume	30 µl	30 µl
Graduation marks	No	No
Certified Sterile and free of key contaminants	Yes	Yes
Material	Clear polypropylene	Black polypropylene
Packaging	384 tips per rack, 10 racks per pack, 5 packs per case	384 tips per rack, 10 racks per pack, 5 packs per case
Plate Compatibility	96 & 384	96 & 384
X-Resin	Yes	Yes
Statix	Yes	Yes
Blade	Yes	Yes
Delta Filter	No	No
Technical Drawings		



**F-0030-3SC**



**F-0030-3SB**



## Quality Testing:

<b>RNase/ DNase</b>	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 <sup>-7</sup> Kunitz units/μl.
<b>Nucleic Acid</b>	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.
<b>Endotoxin/ Pyrogen</b>	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.
<b>Trace Metal</b>	Products are washed in distilled water. The sample is then tested using reflectometry using a single strip test for the following metals: Ca, Cu, Fe, K, Mg, Mn and Ni. Standard solutions are used as positive controls. A reader is used to detect metals to a sensitivity of 500 mg/L.
<b>PCR Inhibitor</b>	Products are tested via PCR amplification and gel electrophoresis analysis. Samples must show normal amplification to be considered free of PCR inhibitors.
<b>Sterilization</b>	Products are sterilized using electron beam irradiation.
<b>CV Test</b>	Each lot of Biotix product is CV tested and the resulting CV is then printed on the pack label. The volume tested is equal to the maximum volume per tip size.
<b>TIR-Total Indicated Runout</b>	Biotix pipette tips are tested to ensure that they meet the SBS standards. Individual products specify their compatibility with 96, 384 or 1536-well plates.

## Proprietary Technologies:

<b>Statix</b>	<b>Static reduction and prevention technology</b> Patents Pending
<b>X-Resin</b>	<b>Proprietary resin, virgin polypropylene</b>
<b>Delta Filter</b>	<b>Color change filter</b> Patents Pending
<b>Blade</b>	<b>Minimal distal end orifice</b> Patents Pending

## Pipettor Compatibility:

Molecular Devices® Liberty FLIPR®