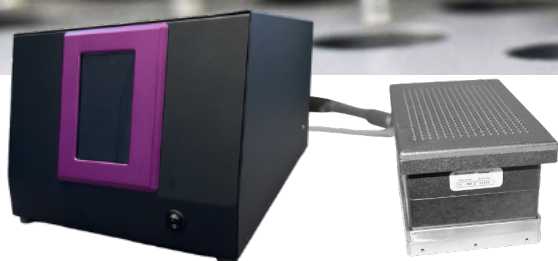


PureTIP LHCTM

Liquid Handler Companion Plasma Treatment System

96 and 384 format available to clean pipette tips

384 and 1536 format available to clean pin tools



PureTIP LHC Components: PlasmaCharger Controller and Cleaning Station

Proven Effective

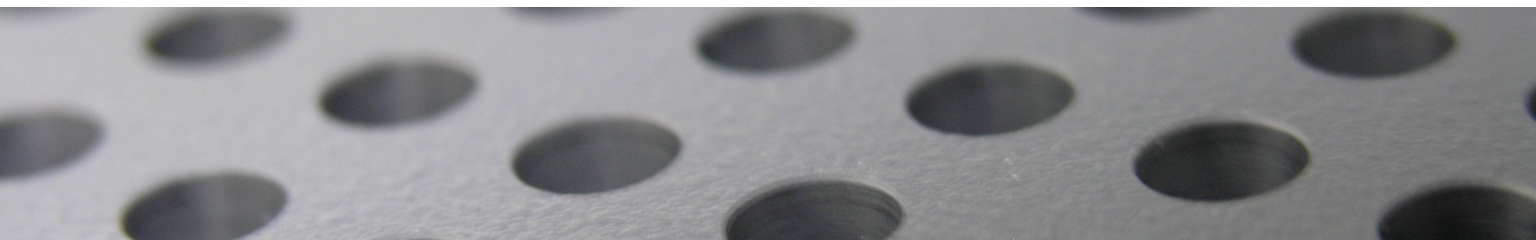
- PureTIP LHC uses an integrated system that cleans pipette tips using room temperature atmospheric pressure plasma.
- Includes a PlasmaCharger Controller that generates the high voltage, high frequency current, the cleaning station where the plasma forms, and integrated exhaust/filtering system.
- Proven in Pharma and Biotech labs to completely remove:
 - ✓ DNA, RNA, siRNA, mRNA, or any other genomic material
 - ✓ Small molecules in DMSO
 - ✓ Proteins, enzymes and any other biomolecule
 - ✓ Complete organisms and cellular debris of all types
 - ✓ Ag genomic and other samples may need pre-wash

Economical

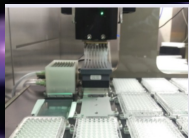
- Reduce pipette tip usage by >90%, save consumable cost and increase productivity.
- Decontaminate pipette tips in seconds with zero sample contamination.
- Reduce plastic waste and related waste management cost.
- Limit risk of disruptions in the supply chain.

Reliable

- After treatment, tips are ready for immediate re-use.
- Easy to install, minimal maintenance.
- Consistent, reliable performance for years; MTF >7 years.
- Plasma effectiveness does not diminish over time.



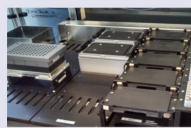
Liquid Handler Compatibility & Installations



Canadian-based Drug Discovery Lab Using a Dynamic Devices Liquid Handler.



Ag Genomics Application at a Canadian Laboratory Using a Tecan Liquid Handler.



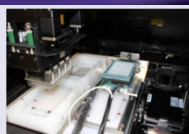
European-based Laboratory Working in Human Genomics Using a Hamilton Liquid Handler. PureTIP Customized with 1/2 Height Base.



Ag Genomics Application at a Canadian Laboratory Using a Beckman Liquid Handler.



EU-based Human Genomics Lab.



US Government Laboratory using Hamamatsu FDSS.



Drug Discovery at a Global, US-based Pharmaceutical Company.

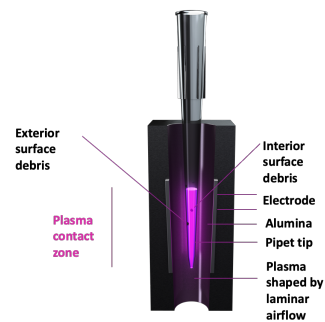


Drug Discovery Lab at a Global Pharmaceutical Company Headquartered in Japan.

- PureTIP LHC is compatible with most liquid handling platforms, including systems from Beckman, Hamilton, Tecan, Agilent, and Thermo.
- Plug in the PureTIP LHC system, and it is part of your liquid handling platform.
- Simply create a plasma cleaning protocol with your existing liquid handling software, and everything is ready to go.

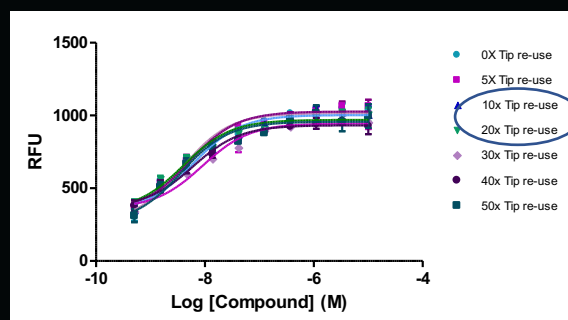
About the Plasma Cleaning Process

Plasma cleaning uses atmospheric pressure plasma to remove contaminants on the surface of pipette tips. When tips are positioned into a PureTIP LHC Plasma Treatment System, plasma transitions any residue solvent on the tip surfaces to gas, exposing organic contaminants such as DNA and small molecules to plasma. After a few seconds, the contaminants are ionized, and the pipette tips are renewed.



Pipette Reuse Recommendations¹

- **Standard Tips** - 10 to 20 uses or up to 10 minutes of plasma exposure
- **Maximum Recovery Tips** - tested to 100 uses
- **Conductive Tips** – approx. half of that as for standard tips
- **Pin Tools** - no degradation and can be cleaned indefinitely to 'as-new'



Specifications

96-Channel (TC-96)

- Height: 6.71 cm / 2.65"
- Base²: 8.55 cm x 12.79 cm / 3.37" x 5.04"
- Top: 9.21 cm x 14.52 cm / 3.63" x 5.72"

384-Channel (TC-384)

- Height: 6.71 cm / 2.65"
- Base²: 8.55 cm x 12.79 cm / 3.37" x 5.04"
- Top: 9.17 cm x 14.50 cm / 3.61" x 5.71"

PlasmaCharger Controller

- Height: 30.5 cm / 12"
- Width: 25.4 cm / 10"
- Depth: 40.6 cm / 16"
- Weight: 14.1 kg, / 37.8 lbs.

1. Specific recommendations will depend on type, brand and volume of the pipette tips
 2. ANSI SLAS 1-2004