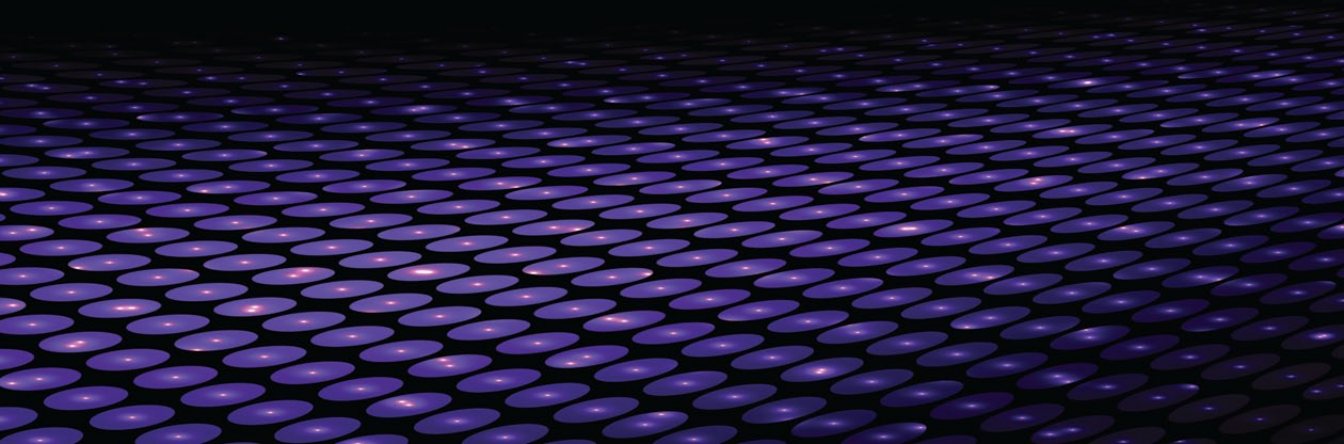
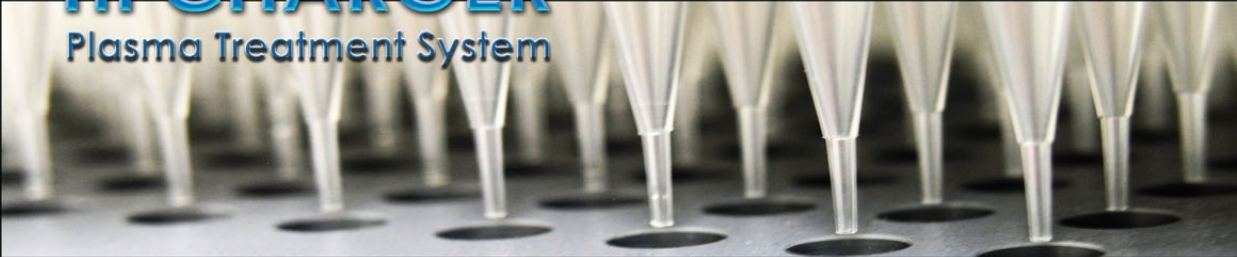


TIPCHARGER™

Plasma Treatment System



TipCharger™ Plasma Treatment System

- Reduce pipette tip usage by >90% and save consumable cost
- Decontaminate pipette tips in seconds with zero sample contamination
- Reduce plastic waste and related waste management cost



Save 90% of Pipette Tips Cost

The TipCharger system renews pipette tips with plasma technology, enables ten reuses of the same rack of tips, and cuts tip cost by 90%. The system works within the ANSI/SLAS standards and can be added to an existing liquid handling platform easily with no custom programming interface. Three models – 8-, 96- and 384-channel formats – are available to address various applications.

Genomics

The TipCharger system are used routinely for Genomics applications such as qPCR and siRNA screening. Instead of replacing pipette tips after just one use, TipCharger users reuse their pipette tips over and over. With zero cross-contamination and huge savings in pipette tip cost, scientists can recognize the benefits of the TipCharger system immediately.

Drug Discovery

The system have been widely used in many Drug Discovery applications for cleaning pipette tips contaminated with compounds in DMSO or other assay components. The cost benefits from pipette tip reuse, waste reduction, and drug discovery process logistic improvement make plasma treatment a financially attractive alternative to conventional high-throughput liquid handling practices.



Compatible with Existing Liquid Handling Systems

The TipCharger system is compatible with most automated liquid handling platforms, such as systems from Agilent, Beckman Coulter, CyBio, Hamilton Robotics, PerkinElmer and Tecan.

Easy Integration

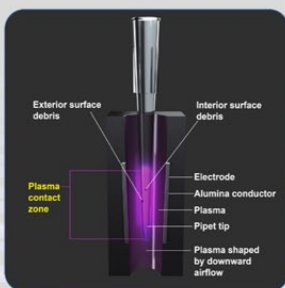
Plug in the TipCharger system, and it is a part of your liquid handling platform. No separate software, no special interface. Simply create a plasma cleaning protocol with your existing liquid handling software, and everything is ready to go.

Warranty & Support

The TipCharger system comes with one-year warranty for most regions, and up to five-year warranty can be added to the product service plan. We offer several product support channels to best meet your needs.

Renew Tips with Plasma Treatment

Plasma treatment uses atmospheric pressure plasma to remove contaminants on the surfaces of pipette tips. When tips are positioned into a TipCharger™ 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. By reusing the tips, TipCharger users save 90% on pipette tip cost.



Specifications

TipCharger Controller

Height x Width x Depth

30.5 cm x 25.4 cm x 40.6 cm

12" x 10" x 16"

Weight

14.1 Kg

37.8 pounds

TipCharger Cleaning Station

Confirm to ANSI/SLAS microplate format standards

8-channel (TC-8)

Height: 3.85 cm or 1.52"

Base: 8.52 cm x 12.76 cm or 3.36" x 5.03"

96-channel (TC-96)

Height: 6.71 cm or 2.65"

Base: 8.55 cm x 12.79 cm or 3.37" x 5.04"

Top: 9.21 cm x 14.52 cm or 3.63" x 5.72"

384-channel (TC-384)

Height: 6.71 cm or 2.65"

Base: 8.55 cm x 12.79 cm or 3.37" x 5.04"

Top: 9.17 cm x 14.50 cm or 3.61" x 5.71"

Activated Charcoal Filter

Replace every 3 months under normal use. Order via customer support.

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