

PurePLATE MCSTM

Microplate Cleaning System

Upcycle Laboratory Plastic and Save the World (And Money)

PurePLATE MCS uses our patented plasma cleaning process to clean microplates for extended reuse allowing Pharma and Biotech labs to **protect against shortages, achieve better science** by reducing assay variation, and **reduce environmental waste**.



- **Effective.** PurePlate MCS uses a combination of liquid wash and cold-plasma exposure to clean used assay plates.
- **Versatile.** Any microplate with a standard SBS footprint up to 44 mm can be cleaned.
- **Sustainable.** Net environmental impact creates a greener footprint for laboratories.
- **Fast.** PurePlate MCS can clean 50-55 plates / hour.
- **Smart.** Components are modular and self-monitoring and software is very intuitive:
 - Adapts to your cleaning requirements
 - Integrated API commands are standard
- **Ready.** Power up, prime and operational in less than 5 minutes.
- **Easy.** Designed to be user maintained. A majority of maintenance or repair issues can be supported remotely by IonField in under 30 min.
- **Economic.** Per plate processing costs are ~ \$1 each.
- **Timely.** The pandemic continues to require screening services across the country and globally





Proven in Pharma and Biotech labs to completely remove:

- ✓ DNA, RNA, siRNA, mRNA, and 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

...from all commonly used screening and optical microplates.

PurePLATE MCS Pricing

List Price¹

- \$240,000 USD
- Includes a complete set of spare parts and toolkit for easy repairs and maintenance.
- Includes PlasmaCharger that generates the high voltage, high frequency current, the cleaning station where the plasma forms, and integrated exhaust/filtering system.
- Includes a 1-year warranty with options to purchase additional coverage.

1.Pricing does not include shipping or installation costs.

Specifications

Rinse Module

- Width: 24.7 cm
- Height: 33.2 cm
- Depth: 52.5 cm

Plasma Module

- Width: 22.8 cm
- Height: 32.7 cm
- Depth: 50.8 cm

PlasmaCharger

- Width: 28.2 cm
- Height: 23.0 cm
- Depth: 49.8 cm

