



Bipolar Cleaners

Amsax designs and fabricates **Bipolar Cleaners** to remove organic and inorganic contaminants from metal surfaces. Surface preparation is critical prior to heat treatment or the post application of surface treatments including plating, cladding and coatings. BiPolar or non contact electrolytic cleaning and pickling combines low concentration alkaline or acid solutions with high current densities to clean or etch the metal surface. Amsax fabricates **Bipolar Cleaners** from Co-polymer European Gray Polypropylene. Our tanks are fabricated with bent corners and butt welded walls and floors for strength. Our units will not crack or shatter nor will they discolor. We use thermoplastic piping made from PVC, CPVC, PVDF, polyethylene and other exotic metals.

- Modular design allows **Bipolar Cleaners** to be integrated into an existing line and to be used with a variety of generic or proprietary chemistries.
- Non contact design means less maintenance and improved reliability resulting in lower operating costs and improved quality.
- Environmentally friendly design minimizes chemical and water consumption.
- Simplicity for maintainability and easy operator access.

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