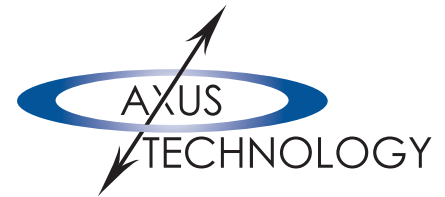


# Axis Technology Chemical Mix & Blend Carts



Your source for leading-edge  
surface processing solutions



## FEATURES

- From basic systems to multi-tank automatic blending systems to facilitate any sized installed base of tools.
- Built-in agitation systems to assure run-to-run suspension consistency
- Optional temperature control systems to enhance process consistency

Axis Technology offers an 30-gallon chemical mix & blend cart system. From basic systems for feeding one chemical such as in a university or an R&D environment, to multiple-tank systems for larger, multiple-tool installations. Chemicals are mixed and kept in suspension by propeller driven agitators. Available options include the basic temperature control systems needed for maintaining consistent ambient conditions, and applications that require either reduced or elevated temperature chemistries. Axis Chemical Mix & Blend Cart Systems are adaptable to both high pH and low pH formulations.

Axis Technology also offers "Automated Point-of-Use" blending & delivery systems recommended for multiple CMP polishing slurry types and components. These options include the Dynamic Slurry Blend Carts, Gemini-2 Dual Slurry Delivery Systems, and the Cosmo-3 Customizable Slurry Delivery Systems specifically designed for wafer manufacturing fabs with high volume CMP applications.



Please contact the Axis Technology Sales Department for additional details or visit us at [www.axustech.com](http://www.axustech.com).



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AT Chemical Blend Cart Rev 02 12 21

# Axis Technology

## Chemical Mix & Blend Carts



Standard Features/Benefits	
Electrical Connection to the tool	Specific connections are included based upon the model number of the tool to which it will be connected, including either 110-volt or 230-volt systems.
Plumbing Connection to the tool	Includes plumbing and fittings for direct connection to specified tools.
In-tank Agitation with Stainless Steel Propeller	Mixes chemicals and keeps them in suspension; minimizes settling for improved wafer-to-wafer delivery consistency.
Low Level Sensor built into Reservoir	Indicates to the operator that the fluid level is low, and refilling will be required soon.
pH Resistant Reservoir Tank	Polyethylene tank is built to resist high pH and low pH slurries. It has a conical bottom to help keep the slurry in suspension, and also to minimize coagulation.
Caster-mounted Platform	Stainless steel mounting platform on four casters for easy move-about capability.
Diaphragm Feed Pump	Standard pump for basic systems.
Gallon Capacity	The systems are available in 30-gallon (113 liters) tank capacities, tanks have tapered bottom.

Optional Features/Benefits	
Temperature Control	Heating and/or cooling systems to provide consistent POU temperature
Auto Refill	Automatic refill so the system can be connected to a remote day-tank reservoir. Tank refills based upon low-level signal from sensor built into the holding tank.
Sealable for Pressurized N2	To minimize drying within the reservoir, this option seals the tank lid and fittings to control the N2 pressure.

